HIGHER EDUCATION

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2002-07 Minnesota Capital Budget

Presented by Governor Jesse Ventura to the 82nd Legislature

Minn. Stat. 16A.11

2002-07 CAPITAL BUDGET

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HIGHER EDUCATION

The *Executive Summary* of the 2002-2007 Minnesota Capital Budget and 9-volume set of detailed requests can be viewed at the Department of Finance's web site at: www.finance.state.mn.us

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STATE OF MINNESOTA
Agency Request
F.Y. 2002–2007

GOVERNOR'S RECOMMENDATIONS
(BY FUNDING SOURCES)
($ In Thousands)

Project description	Agency Priority	Strategic Score	Funding Source	Agency Request F.Y. 2002	Agency Request F.Y. 2004	Agency Request F.Y. 2006	Governor's Recommendation F.Y. 2002	Governor's Planning Estimates F.Y. 2004	Governor's Planning Estimates F.Y. 2006
Administration, Department of									
Statewide CAPRA	1	470	GO	27,700	25,000	25,000	17,000	17,000	17,000
			GF	300	0	0	0	0	0
Agency Relocation	2	270	GF	7,601	1,500	3,000	1,500	0	0
DOT Exterior Repair	3	235	THF	5,046	4,720	5,044	5,046	4,720	5,044
New State Buildings	4	445	GO	84,589	0	0	84,589	0	0
			GF	0	9,200	0	0	9,200	0
Renovation of 1246 University	6	265	GO	11,827	0	0	0	0	0
			GF	0	300	0	0	0	0
Capitol Complex Electrical Work	7	350	GO	3,231	0	0	3,231	0	0
Governor's Residence Renovation & Repair	8	275	GO	4,246	0	0	4,246	0	0
			GF	45	0	0	45	0	0
Stassen Buildout/Rice & University Predesign	9	245	GO	2,730	4,407	0	0	0	0
			GF	427	0	0	0	0	0
Property Acquisition	10	140	GO	1,500	7,500	15,000	0	0	0
New State Buildings			GO	0	75,000	75,000	0	0	0
Administration Ramp Replacement			GO	0	0	6,000	0	0	0

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Administration, Department of									
IT Data Center			GO	0	0	300	0	0	0
Environmental Cluster Predesign			GO	0	0	300	0	0	0
Cedar Street Armory Demolition			GO	0	0	1,500	0	0	0
Project Total				**$149,242**	**$127,627**	**$131,144**	**$115,657**	**$30,920**	**$22,044**
General Obligation Bonding				**$135,823**	**$111,907**	**$123,100**	**$109,066**	**$17,000**	**$17,000**
General Fund Projects (GF)				**$8,373**	**$11,000**	**$3,000**	**$1,545**	**$9,200**	**$0**
Trunk Highway Fund (THF)				**$5,046**	**$4,720**	**$5,044**	**$5,046**	**$4,720**	**$5,044**
Agriculture, Department of									
Rural Finance Authority Loan Participation	1	400	GO/UF	20,000	20,000	20,000	15,000	15,000	15,000
Minnesota Farmers Market Hall	2	221	GO	11,597	0	0	0	0	0
Expansion of Metro Greenhouse & Storage Bay	3	175	GO	292	0	0	0	0	0
Project Total				**$31,889**	**$20,000**	**$20,000**	**$15,000**	**$15,000**	**$15,000**
General Obligation Bonding				**$11,889**	**$0**	**$0**	**$0**	**$0**	**$0**
User Finance Bonding				**$20,000**	**$20,000**	**$20,000**	**$15,000**	**$15,000**	**$15,000**

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Amateur Sports Commission									
Sport Event Center	1	316	GO	5,250	0	0	4,250	0	0
Project Total				**$5,250**	**$0**	**$0**	**$4,250**	**$0**	**$0**
General Obligation Bonding				**$5,250**	**$0**	**$0**	**$4,250**	**$0**	**$0**
Capitol Area Architectural Planning Bd									
Capitol Building: Interior Renovation Design	1	350	GO	2,111	25,281	36,324	0	0	0
Capitol 2005: Restore Floors G–2 & Hist. Elevators	2	325	GO	1,933	0	3,305	1,933	0	3,305
			GF	646	0	0	646	0	0
Signage: Capitol Building and Grounds	3	300	GO	712	0	156	712	0	156
Predesign/Design & Const. for New Capitol Annex			GO	0	276	55,300	0	0	0
Project Total				**$5,402**	**$25,557**	**$95,085**	**$3,291**	**$0**	**$3,461**
General Obligation Bonding				**$4,756**	**$25,557**	**$95,085**	**$2,645**	**$0**	**$3,461**
General Fund Projects (GF)				**$646**	**$0**	**$0**	**$646**	**$0**	**$0**

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Children, Families & Learning									
Early Childhood Facilities Grants	1	275	GO	5,000	5,000	5,000	0	0	0
Red Lake School Additions and Renovations	2	300	GO	40,125	0	0	12,400	0	0
Public Library Accessibility Grants	3	260	GO	1,000	1,000	1,000	0	0	0
Library for the Blind Renovation	4	200	GO	500	9,824	0	0	0	0
Project Total				**$46,625**	**$15,824**	**$6,000**	**$12,400**	**$0**	**$0**
General Obligation Bonding				**$46,625**	**$15,824**	**$6,000**	**$12,400**	**$0**	**$0**
Commerce, Department of									
Energy Investment Loan Program	1	400	GO/UF	6,000	6,000	6,000	6,000	6,000	6,000
Project Total				**$6,000**	**$6,000**	**$6,000**	**$6,000**	**$6,000**	**$6,000**
User Finance Bonding				**$6,000**	**$6,000**	**$6,000**	**$6,000**	**$6,000**	**$6,000**

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Corrections, Department of									
MCF-LL - 416-Bed Offender Housing Unit	1	356	GO	4,160	0	0	4,160	0	0
DOC - Asset Preservation	2	445	GO	23,100	15,000	15,000	23,100	15,000	15,000
MCF-SHK - ILC Renovation & Support Space	3	250	GO	3,070	0	0	3,070	0	0
MCF-STW - New Seg. Unit Design/Predesign	4	260	GO	906	0	0	90	0	0
MCF-RW - New Vocational Building	5	260	GO	4,938	0	0	0	0	0
MCF-FRB - Kitchen Renovation Predesign/Design	6	135	GO	346	0	0	0	0	0
MCF-WR/ML - Activities Building	7	195	GO	1,523	0	0	0	0	0
MCF-SCL - New Vocational Building	8	100	GO	8,070	0	0	0	0	0
MCF-SHK - 62-Bed Living Unit (Phase II)			GO	0	3,409	0	0	0	0
MCF-STW - Renovation of Old Ed & Admin Bldg.			GO	0	1,500	0	0	0	0
MCF-STW - Electronic Locks for CHA & CHD			GO	0	4,000	0	0	0	0
MCF-OPH - Security System Upgrade			GO	0	4,029	0	0	0	0
MCF-WR/ML - Industry Warehouse - ML			GO	0	596	0	0	0	0
MCF-WR/ML - Vehicle Garage - ML			GO	0	148	0	0	0	0
MCF-WR/ML - Kitchen Expansion - WR			GO	0	34	0	0	0	0
MCF-WR/ML - Industry Building Addition - ML			GO	0	51	708	0	0	0

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Corrections, Department of									
MCF–WR/ML – Building Maint. Shop – ML			GO	0	116	0	0	0	0
MCF–STW – Electrical Upgrade – Industry			GO	0	800	0	0	0	0
MCF–STW – Sewer Vent – Replace Water Main			GO	0	2,000	0	0	0	0
MCF–STW – Receiving Complex & Warehouse			GO	0	17,608	0	0	0	0
MCF–STW – Tuckpointing			GO	0	800	0	0	0	0
MCF–STW – Master Control Renovation			GO	0	1,611	0	0	0	0
MCF–OPH – Razor Ribbon Replacement			GO	0	350	0	0	0	0
MCF–SCL – Replace Facility Sewer System			GO	0	3,214	0	0	0	0
MCF–SCL – Replace Phone Equipment & Lines			GO	0	444	0	0	0	0
Dept. – Roof & Window Replacement			GO	0	7,776	7,776	0	0	0
MCF–SCL – Expand Floor – Balcony Level			GO	0	0	318	0	0	0
MCF–SCL – Toilet Carrier Replacement			GO	0	0	493	0	0	0
MCF–SCL – Remodel Administration Building			GO	0	0	4,504	0	0	0
MCF–SCL – Facility Climate Control			GO	0	0	1,291	0	0	0
MCF–SCL – Construct New Warehouse			GO	0	0	1,171	0	0	0
MCF–SCL – Retube Boilers			GO	0	0	517	0	0	0

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Corrections, Department of									
MCF-SCL - Upgrade Security System			GO	0	0	749	0	0	0
MCF-RW - New Living Unit			GO	0	0	1,470	0	0	0
MCF-LL - Replace HVAC Systems - Living Units			GO	0	0	700	0	0	0
MCF-SCL - Loop Wiring, High Voltage			GO	0	0	350	0	0	0
MCF-SCL - Install Sprinkler System			GO	0	0	500	0	0	0
MCF-RW - Admin. Building Porch Repair			GO	0	0	125	0	0	0
MCF-STW - Second Floor Kitchen Renovation			GO	0	0	75	0	0	0
Project Total				**$46,113**	**$63,486**	**$35,747**	**$30,420**	**$15,000**	**$15,000**
General Obligation Bonding				**$46,113**	**$63,486**	**$35,747**	**$30,420**	**$15,000**	**$15,000**
Finance, Department of									
Bond Sale Expenses	1		GO	800	800	800	800	459	459
Project Total				**$800**	**$800**	**$800**	**$800**	**$459**	**$459**
General Obligation Bonding				**$800**	**$800**	**$800**	**$800**	**$459**	**$459**

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Grants to Political Subdivisions									
Regional Sludge Management Demonstration Project	ARL-1		GO	500	0	0	0	0	0
Blazing Star Trail	AUS-1		GO	2,500	0	0	0	0	0
Bayport Storm Sewer Reconstruction	BAY-1		GO	1,550	0	0	0	0	0
Bloomington Center for the Arts	BLO-1		GO	1,000	0	0	0	0	0
Dakota County Flood Mitigation	DAK-1		GO	750	0	0	0	0	0
Coleraine Street and Utility Improvements	COL-1		GO	50	250	0	0	0	0
North Shore Sanitary Districts	DUA-1		GO	11,638	0	0	0	0	0
Duluth -- Aerial Lift Bridge Repainting	DUL-1		GO	1,900	0	0	0	0	0
Eveleth Sanitary Sewer Collection Improvements	EVE-1		GO	251	0	0	0	0	0
Duluth -- Spirit Mountain Improvements	DUL-2		GO	3,175	0	0	0	0	0
Municipal Solid Waste Combustor Replacement	FF-1		GO	1,150	0	0	0	0	0
Fergus Falls Public Library Expansion	FF-2		GO	1,835	0	0	0	0	0
Visitor Center at Historic Murphy's Landing	HP-1		GO	3,191	0	0	0	0	0
Campaign for the Children's Theatre Company	HEN-1		GO	12,000	0	0	0	0	0
Colin Powell Youth Leadership Center	HEN-2		GO	6,000	0	0	0	0	0
Restoration of Historic Fort Belmont	JAC-1		GO	200	200	100	0	0	0

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Grants to Political Subdivisions									
Regional Cold Weather Testing Facility	KOO-1		GO	3,628	0	0	0	0	0
Big Bear Education Center	KOO-2		GO	6,200	0	0	0	0	0
Trollwood Performing Arts School	MOR-1		GO	5,500	0	0	0	0	0
Minneapolis Park Improvements	MPB-1		GO	33,102	0	0	0	0	0
Minneapolis Empowerment Zone Projects	MPL-1		GO	12,000	7,900	8,400	0	0	0
Minnesota Space Discovery Center & Planetarium	MPL-2		GO	30,000	0	0	0	0	0
Guthrie Theater on the River	MPL-3		GO	35,000	0	0	0	0	0
Minnesota Shubert Performing Arts Center	MPL-4		GO	10,000	0	0	0	0	0
Minnesota Valley Academy	MPS-1		GO	3,500	0	0	0	0	0
Minnetonka -- Affordable Scattered Site Housing	MTK-1		GO	1,000	0	0	0	0	0
Glencoe -- Railroad Switching Yard	MTK-1		GO	796	0	0	0	0	0
Casey Jones Trail	MUR-1		GO	4,200	3,400	3,600	0	0	0
Minnesota Prairie Line Rehabilitation	MV-1		GO	7,500	0	0	0	0	0
Olmsted County Materials Recovery Facility	OLM-1		GO	3,000	0	0	0	0	0
Minnesota Center for Agricultural Innovation	OLV-1		GO	2,000	0	0	0	0	0
Pipestone County Museum Improvements	PIP-1		GO	125	0	0	0	0	0

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Grants to Political Subdivisions									
Gibbs Museum Interpretive Center	RAM-1		GO	137	1,436	0	0	0	0
Regional Public Safety Training Center	ROC-1		GO	550	1,286	0	0	0	0
The New Rochester Arts Center	ROC-2		GO	2,300	0	0	0	0	0
DM&E Railroad Corridor Mitigation	ROC-3		GO	50,000	0	0	0	0	0
Improving Access to the Ports of Savage	SAV-1		GO	11,500	0	0	0	0	0
St. Louis Park -- Pedestrian/Trail Crossing	SLP-1		GO	492	0	0	0	0	0
St. Paul -- The New Roy Wilkins Auditorium	STP-1		GO	70,000	0	0	0	0	0
St. Paul -- Phalen Boulevard	STP-2		GO	8,000	0	0	0	0	0
St. Paul -- Como Park Conservatory Restoration	STP-3		GO	2,700	0	0	0	0	0
St. Paul -- 2004 Renaissance Project	STP-4		GO	8,375	0	0	0	0	0
Neighborhood House/El Rio Vista Facility Expansion	STP-5		GO	5,000	0	0	0	0	0
American Lung Association Healthy Design Project	STP-6		GO	3,000	0	0	0	0	0
St. Cloud Civic Center Expansion	ST-1		GO	45,000	0	0	0	0	0
Central Minnesota Regional Parks and Trails	STC-1		GO	8,560	0	0	0	0	0
New Ulm Recreational Trail	ULM-1		GO	1,150	0	0	0	0	0
Virginia/Eveleth Progress Park Expansion	VEE-1		GO	1,500	0	0	0	0	0

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Grants to Political Subdivisions									
District Steam Heating System Infrastructure	VIR-1		GO	5,000	0	0	0	0	0
Northeast Park Community Center -- Waseca	WAS-1		GO	1,800	0	0	0	0	0
WMEP Southwest Integration Magnet School	WES-1		GO	27,714	0	0	0	0	0
Winona Harbor Intermodal Transp Improvements	WIN-1		GO	6,300	0	0	0	0	0
Project Total				**$464,319**	**$14,472**	**$12,100**	**$0**	**$0**	**$0**
General Obligation Bonding				**$464,319**	**$14,472**	**$12,100**	**$0**	**$0**	**$0**
Health, Department of									
Dental Clinic at State Colleges and Universities		150	GO	775	0	0	0	0	0
Project Total				**$775**	**$0**	**$0**	**$0**	**$0**	**$0**
General Obligation Bonding				**$775**	**$0**	**$0**	**$0**	**$0**	**$0**

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Housing Finance Agency									
Publicly Owned Transitional Housing Loans	1	285	GO	19,500	2,500	2,500	4,461	2,500	2,500
Project Total				**$19,500**	**$2,500**	**$2,500**	**$4,461**	**$2,500**	**$2,500**
General Obligation Bonding				**$19,500**	**$2,500**	**$2,500**	**$4,461**	**$2,500**	**$2,500**

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Human Services, Department of									
System-Wide Roof Replacement	1	470	GO	2,789	4,167	2,145	2,789	1,500	1,500
System-Wide Asset Preservation	2	470	GO	6,500	8,450	8,400	6,500	4,000	4,000
FFRTC - Upgrade Program Facilities	3	385	GO	3,000	3,000	0	0	0	0
System-Wide Building/Structure Demolition	4	395	GO	2,250	1,650	1,065	2,000	1,650	1,065
BRHSC - Building #20 Improvements	5	315	GO	6,305	0	0	0	0	0
SPRTC - Convert Power Plant to Low Pressure	6	280	GO	3,619	0	0	3,619	0	0
BRHSC - Convert Power Plant to Low Pressure	7	255	GO	2,965	4,414	0	0	0	0
AGC - B/C Residential Unit Remodeling			GO	0	2,750	0	0	0	0
AGC - A/D Residential Unit Remodeling			GO	0	2,750	0	0	0	0
AMRTC - Remodel Miller Building			GO	0	6,000	0	0	0	0
AMRTC - Construct Vehicle Maintenance/Storage Bldg			GO	0	250	0	0	0	0
BRHSC - Remodel Dietary Department			GO	0	1,000	0	0	0	0
MSPPTC - Reconfigure Industry Ship/Rec. Area			GO	0	250	0	0	0	0
MSPPTC - Construct Storage Building			GO	0	100	0	0	0	0
SPRTC - Bartlett/Sunrise Building Improvements			GO	0	4,000	0	0	0	0
SPRTC - Storm/Saniatary Sewer Separation/Upgrades			GO	0	1,500	0	0	0	0

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STATE OF MINNESOTA
Agency Request
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GOVERNOR'S RECOMMENDATIONS
(BY FUNDING SOURCES)
($ In Thousands)

Project description	Agency Priority	Strategic Score	Funding Source	Agency Request F.Y. 2002	Agency Request F.Y. 2004	Agency Request F.Y. 2006	Governor's Recommendation F.Y. 2002	Governor's Planning Estimates F.Y. 2004	Governor's Planning Estimates F.Y. 2006
Human Services, Department of									
AGC - B/C Residential Unit Remodeling			GO	0	2,750	0	0	0	0
BRHSC - Building #19 Improvements			GO	0	6,200	0	0	0	0
SPRTC - Phase II Upgrade Shantz & Pexton			GO	0	9,500	0	0	0	0
AGC - Remodel E-Building & Install Elevator			GO	0	0	3,200	0	0	0
AGC - Install Fire Sprinklers			GO	0	0	1,100	0	0	0
MSSPTC - Construct 50-Bed Addition			GO	0	0	9,900	0	0	0
WRTC - Upgrade HVAC/Mechanical Systems Bldg. #8			GO	0	0	1,500	0	0	0
Project Total				**$27,428**	**$58,731**	**$27,310**	**$14,908**	**$7,150**	**$6,565**
General Obligation Bonding				**$27,428**	**$58,731**	**$27,310**	**$14,908**	**$7,150**	**$6,565**

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GOVERNOR'S RECOMMENDATIONS
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($ In Thousands)

Project description	Agency Priority	Strategic Score	Funding Source	Agency Request F.Y. 2002	Agency Request F.Y. 2004	Agency Request F.Y. 2006	Governor's Recommendation F.Y. 2002	Governor's Planning Estimates F.Y. 2004	Governor's Planning Estimates F.Y. 2006
Iron Range Resources & Rehabilitation Bd									
Mesabi Station	1	229	GO	2,783	0	0	0	0	0
Giants Ridge Sports Dorm Renovation	2	250	GO	441	0	0	0	0	0
Giants Ridge Chalet/Winter Sports Operations	3	170	GO	939	0	0	0	0	0
Giants Ridge Magic Carpet	4	150	GO	71	0	0	0	0	0
Ironworld Library Expansion	5	125	GO	652	0	0	0	0	0
Ironworld Interpretive Center Energy Efficiency	6	145	GO	1,439	0	0	0	0	0
Ironworld Discovery Center Roof Replacement	7	155	GO	218	0	0	0	0	0
Ironworld Water and Sewer Upgrade/Extension	8	95	GO	284	0	0	0	0	0
Project Total				**$6,827**	**$0**	**$0**	**$0**	**$0**	**$0**
General Obligation Bonding				**$6,827**	**$0**	**$0**	**$0**	**$0**	**$0**

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STATE OF MINNESOTA
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GOVERNOR'S RECOMMENDATIONS
(BY FUNDING SOURCES)
($ In Thousands)

Project description	Agency Priority	Strategic Score	Funding Source	Agency Request F.Y. 2002	Agency Request F.Y. 2004	Agency Request F.Y. 2006	Governor's Recommendation F.Y. 2002	Governor's Planning Estimates F.Y. 2004	Governor's Planning Estimates F.Y. 2006
Metropolitan Council									
Northwest Metro Busway	1	351	GO	50,000	50,000	50,000	50,000	0	0
Livable Communities Grant Program	2	275	GO	10,000	10,000	10,000	10,000	10,000	10,000
Snelling Bus Garage	3	336	GO	10,000	10,000	10,000	10,000	0	0
Transit Passenger Facilities	4	200	GO	10,000	10,000	10,000	0	0	0
CSO Reliever Sewer	5	160	GO	2,500	20,000	0	0	0	0
Project Total				**$82,500**	**$100,000**	**$80,000**	**$70,000**	**$10,000**	**$10,000**
General Obligation Bonding				**$82,500**	**$100,000**	**$80,000**	**$70,000**	**$10,000**	**$10,000**

Funding Source

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Agency Request
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GOVERNOR'S RECOMMENDATIONS
(BY FUNDING SOURCES)
($ In Thousands)

Project description	Agency Priority	Strategic Score	Funding Source	Agency Request F.Y. 2002	Agency Request F.Y. 2004	Agency Request F.Y. 2006	Governor's Recommendation F.Y. 2002	Governor's Planning Estimates F.Y. 2004	Governor's Planning Estimates F.Y. 2006
Military Affairs, Department of									
Asset Preservation & Kitchen Repair	1	380	GO	2,500	2,500	2,500	2,500	2,500	2,500
Facility Life/Safety	2	245	GO	1,000	1,000	1,000	1,000	1,000	1,000
Americans with Disabilities Act (ADA)	3	220	GO	857	796	822	857	796	822
Indoor Firing Range Rehab	4	195	GO	1,018	0	0	0	0	0
Military Affairs/Emergency Mgmt Facility	5	230	GO	3,235	39,284	0	0	0	0
Stillwater Training/Community Center (Armory)			GO	0	9,104	0	0	0	0
Blaine Training/Community Center (Armory)			GO	0	0	8,100	0	0	0
Anoka Training/Community Center (Armory)			GO	0	0	8,300	0	0	0
Project Total				**$8,610**	**$52,684**	**$20,722**	**$4,357**	**$4,296**	**$4,322**
General Obligation Bonding				**$8,610**	**$52,684**	**$20,722**	**$4,357**	**$4,296**	**$4,322**

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GOVERNOR'S RECOMMENDATIONS
(BY FUNDING SOURCES)
($ In Thousands)

Project description	Agency Priority	Strategic Score	Funding Source	Agency Request F.Y. 2002	Agency Request F.Y. 2004	Agency Request F.Y. 2006	Governor's Recommendation F.Y. 2002	Governor's Planning Estimates F.Y. 2004	Governor's Planning Estimates F.Y. 2006
Minnesota Historical Society									
Asset Preservation – Historic Sites Network	1	450	GO	5,545	4,035	4,140	1,500	1,500	1,500
County and Local Historic Preservation Grants	2	385	GF	1,500	1,000	1,000	0	0	0
			GO	1,500	1,000	1,000	0	0	0
State Capitol 2005 Furnishings Project	3	290	GF	550	0	700	0	0	0
Sibley Historic Site Preservation	4	265	GO	542	1,000	0	0	0	0
Kelley Farm Historic Site Land Acquisition	5	125	GO	655	0	0	0	0	0
Historic Fort Snelling Site Improvements	6	220	GO	500	4,600	0	0	0	0
Heritage Trails	7	135	GO	384	250	250	0	0	0
Historic Sites Network Master Plan	8	125	GF	500	500	0	0	0	0
Improve Collections Storage Facilities			GO	0	2,000	500	0	0	0
Kelley Farm Maintenance Building			GO	0	600	0	0	0	0
St Anthony Falls Heritage Zone Implementation			GO	0	0	2,000	0	0	0
Split Rock Barn Reconstruction			GO	0	0	500	0	0	0
History Center Parking Ramp			GO	0	0	1,000	0	0	0
Project Total				**$11,676**	**$14,985**	**$11,090**	**$1,500**	**$1,500**	**$1,500**

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Minnesota Historical Society									
General Obligation Bonding				$9,126	$13,485	$9,390	$1,500	$1,500	$1,500
General Fund Projects (GF)				$2,550	$1,500	$1,700	$0	$0	$0

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Minnesota State Academies									
Asset Preservation	1	415	GO	2,000	2,000	2,000	1,500	1,500	1,500
West Wing Noyes Hall Phase Two	2	315	GO	2,896	0	0	0	0	0
Safety Improvements/Roadway Related Construction	3	280	GO	1,400	0	0	0	0	0
MSAB Dorm Expansion			GO	0	3,225	0	0	0	0
Mott Hall Vocational Renovation			GO	0	2,416	0	0	0	0
MSAD Frechette Renovation			GO	0	4,247	0	0	0	0
MSAD Rodman Dining			GO	0	0	6,359	0	0	0
MSAB Vocational Building/Industrial Building			GO	0	0	1,257	0	0	0
MSAD Garage			GO	0	0	1,034	0	0	0
MSAD Lauritsen Recreation & Fitness Center			GO	0	0	5,217	0	0	0
Project Total				**$6,296**	**$11,888**	**$15,867**	**$1,500**	**$1,500**	**$1,500**
General Obligation Bonding				**$6,296**	**$11,888**	**$15,867**	**$1,500**	**$1,500**	**$1,500**

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(BY FUNDING SOURCES)
($ In Thousands)

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Minnesota State Colleges & Universities									
Roof Replacement & Repair	1	470	GO	33,264	30,000	25,000	0	0	0
Mechanical/Electr Infrastructure Replacement	1	470	GO	30,851	30,000	30,000	0	0	0
HEAPR	1	470	GO	35,885	40,000	45,000	35,000	35,000	35,000
Normandale CC – Science Remodel Phase 2	2	353	GO/UF	9,900	0	0	9,900	0	0
Minneapolis C&TC – Consolidation Remodel Phs 2	3	393	GO/UF	9,000	3,625	0	12,625	0	0
Metro SU – Library & Info Technology Center	4	308	GO/UF	17,442	0	0	17,442	0	0
Alexandria TC – Classroom/Technology Bldg	5	333	GO/UF	9,150	0	0	9,150	0	0
Winona SU – New Science Building	6	378	GO/UF	30,000	9,772	0	30,000	9,772	0
MSU Moorhead – New Science Building	7	343	GO/UF	18,955	10,022	0	18,955	10,022	0
Systemwide Science Lab Renovations	8	313	GO/UF	1,900	2,000	2,000	1,900	2,000	2,000
Systemwide Land Acquisition	9	208	GO/UF	2,000	2,000	2,000	0	0	0
Bemidji SU/NWTC Co–Location Design	10	208	GO/UF	850	10,000	5,000	0	0	0
NWTC Moorhead – Health & Appl Tech Addition	11	288	GO/UF	400	5,000	0	0	0	0
St. Cloud SU – Centennial, Riverview Remodel Phs 1	12	273	GO/UF	10,000	8,500	0	0	0	0
MSU Mankato – Athletic Facility Phase 3	13	168	GO/UF	8,400	0	0	0	0	0
Southwest SU – Library Remodel	14	298	GO/UF	9,200	0	0	0	0	0

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Minnesota State Colleges & Universities									
Hennepin TC - "D" Wing Remodel & Driveway	15	238	GO/UF	3,500	0	0	0	0	0
NEHED Virginia - Lab, Classroom, LRC Remodel	16	248	GO/UF	5,496	0	0	0	0	0
Lake Superior C&TC - Design Academic Addition	17	158	GO/UF	700	8,000	0	0	0	0
MSC-SETC - Student Services Remodel	18	238	GO/UF	580	1,169	0	0	0	0
Dakota TC - Design Info Tech/Telecomm Remodel	19	213	GO/UF	500	6,000	0	0	0	0
St. Cloud TC - Design Workforce Center Add/Remodel	20	133	GO/UF	700	12,500	0	0	0	0
Ridgewater C&TC - Science Labs Remodel	21	188	GO/UF	2,880	0	0	0	0	0
Century C&TC - Design Intermediate Space Remodel	22	188	GO/UF	1,500	3,400	0	0	0	0
South Central TC - Design Applied Labs Remodel	23	188	GO/UF	300	4,199	0	0	0	0
Fergus Falls CC - Design IT & Student Services Add	24	213	GO/UF	760	6,500	0	0	0	0
MnWest Worthington CTC - Science, Nursing Remodel	25	208	GO/UF	6,300	0	0	0	0	0
Inver Hills CC - Design Student Services Addition	26	148	GO/UF	500	6,000	0	0	0	0
2004 /2006 Capital Improvement Program			GO/UF	0	51,313	141,000	0	0	0
Project Total				**$250,913**	**$250,000**	**$250,000**	**$134,972**	**$56,794**	**$37,000**
General Obligation Bonding				**$201,116**	**$201,163**	**$201,160**	**$101,983**	**$49,603**	**$36,340**
User Finance Bonding				**$49,797**	**$48,837**	**$48,840**	**$32,989**	**$7,191**	**$660**

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STATE OF MINNESOTA
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GOVERNOR'S RECOMMENDATIONS
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Natural Resources, Department of									
State Park Initiative	DNR-1	520	GO	31,000	13,000	13,000	31,000	7,300	7,300
Field Office Renovation & Improvements	B-1	335	GO	7,000	1,500	1,500	7,000	1,500	1,500
Statewide Asset Preservation	B-2	395	GO	2,900	2,900	2,900	2,900	2,900	2,900
Office Facilities Development	B-3	335	GO	4,600	7,507	10,168	4,600	4,600	4,600
ADA Compliance	B-4	390	GO	1,000	2,000	2,000	1,000	1,000	1,000
Fish Hatchery Improvements	B-5	310	GO	300	300	300	300	300	300
Dam Repair/Reconstruction/Removal	NB-1	350	GO	700	2,000	2,000	700	1,000	1,000
Reforestation	NB-2	335	GO	2,500	2,500	2,500	2,500	1,500	1,500
Forest Roads and Bridges	NB-3	320	GO	1,200	1,000	1,000	1,200	1,000	1,000
Metro Greenways and Natural Areas	NB-4	260	GO	1,000	1,500	1,500	1,000	1,000	1,000
SNA's Acquisition & Development	NB-5	375	GO	500	1,000	1,000	500	500	500
RIM - Consolidated Wildlife/Critical Habitat	NB-6	360	GO	3,000	5,000	5,000	3,000	3,000	3,000
Stream Protection & Restoration	NB-7	260	GO	500	1,000	1,000	500	500	500
Water Access Acq. Better, & Fishing Piers	NB-8	365	GO	1,500	3,000	3,000	1,500	1,500	1,500
State Trail Acquisition & Development	NB-9	325	GO	2,550	2,000	2,000	2,550	2,000	2,000

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GOVERNOR'S RECOMMENDATIONS
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Natural Resources, Department of									
Well Sealing	NB-10	255	GO	425	0	0	600	0	0
			GF	175	0	0	0	0	0
Fisheries Acquisition and Improvement	NB-11	250	GO	500	500	500	500	500	500
State Park Acquisition	NB-12	345	GO	1,000	1,500	1,500	1,000	1,000	1,000
Prairie Bank Easements	NB-13	290	GO	500	500	500	500	500	500
Flood Hazard Mitigation Grants	NB-14	380	GO	15,500	15,000	15,000	15,500	15,000	15,000
State Forest Land Acquisition	NB-15	295	GO	500	1,000	2,000	500	500	500
Lake Superior Safe Harbors	NB-16	300	GO	1,750	6,500	8,000	0	0	0
Trust Fund Lands	NB-17	90	GO	0	1,000	1,000	0	0	0
Natural and Scenic Area Grants	G-1	270	GO	1,000	1,000	1,000	1,000	1,000	1,000
State Trail Connections	G-2	235	GO	500	1,000	1,000	500	500	500
Metro Regional Parks Capital Improvements	G-3	285	GO	8,000	15,400	15,900	8,000	5,000	5,000
			OTH	0	7,260	0	0	0	0
Project Total				**$90,100**	**$96,867**	**$95,268**	**$88,350**	**$53,600**	**$53,600**
General Obligation Bonding				**$89,925**	**$89,607**	**$95,268**	**$88,350**	**$53,600**	**$53,600**
Env & Natural Resoures (OTH)				**$0**	**$7,260**	**$0**	**$0**	**$0**	**$0**

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GOVERNOR'S RECOMMENDATIONS
(BY FUNDING SOURCES)
($ In Thousands)

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Natural Resources, Department of									
General Fund Projects (GF)				$175	$0	$0	$0	$0	$0
Office of Environmental Assistance									
Capital Assistance Program	1	429	GO	12,500	8,000	12,000	3,000	3,000	3,000
Project Total				$12,500	$8,000	$12,000	$3,000	$3,000	$3,000
General Obligation Bonding				$12,500	$8,000	$12,000	$3,000	$3,000	$3,000

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GOVERNOR'S RECOMMENDATIONS
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($ In Thousands)

Project description	Agency Priority	Strategic Score	Funding Source	Agency Request F.Y. 2002	Agency Request F.Y. 2004	Agency Request F.Y. 2006	Governor's Recommendation F.Y. 2002	Governor's Planning Estimates F.Y. 2004	Governor's Planning Estimates F.Y. 2006
Perpich Center for Arts Education									
Performance Hall Cat Walk	1	275	GO	125	0	0	125	0	0
Asset Preservation	2	305	GO	643	300	300	643	300	300
Foodservice Kitchen Renovation	3	280	GO	570	0	0	570	0	0
Repair & Maintenance Building	4	230	GO	1,817	0	0	326	1,660	0
Project Total				**$3,155**	**$300**	**$300**	**$1,664**	**$1,960**	**$300**
General Obligation Bonding				**$3,155**	**$300**	**$300**	**$1,664**	**$1,960**	**$300**
Pollution Control Agency									
Closed Landfill Bonding	1	410	GO	10,795	25,260	0	10,000	26,055	0
Brownfield to Green Space Grant Program	2	245	GO	5,000	0	5,000	0	0	0
Project Total				**$15,795**	**$25,260**	**$5,000**	**$10,000**	**$26,055**	**$0**
General Obligation Bonding				**$15,795**	**$25,260**	**$5,000**	**$10,000**	**$26,055**	**$0**

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GOVERNOR'S RECOMMENDATIONS
(BY FUNDING SOURCES)
($ In Thousands)

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Trade & Economic Development									
Redevelopment Grant Program	1	390	GO	10,000	10,000	10,000	10,000	10,000	10,000
State Matching Funds	2	436	GO	16,000	16,000	16,000	16,000	16,000	16,000
Wastewater Infrastructure Fund	3	378	GO	30,000	30,000	30,000	4,000	4,000	4,000
			GF	600	600	600	80	80	80
Clean Water Partnership	4	255	GF	3,000	3,000	3,000	0	0	0
Project Total				**$59,600**	**$59,600**	**$59,600**	**$30,080**	**$30,080**	**$30,080**
General Obligation Bonding				**$56,000**	**$56,000**	**$56,000**	**$30,000**	**$30,000**	**$30,000**
General Fund Projects (GF)				**$3,600**	**$3,600**	**$3,600**	**$80**	**$80**	**$80**

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GOVERNOR'S RECOMMENDATIONS
(BY FUNDING SOURCES)
($ In Thousands)

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Transportation, Department of									
Northstar Corridor Rail Project	GO-1	319	GO	120,000	0	0	120,000	0	0
Local Bridge Replacement and Rehabilitation	GO-2	385	GO	48,000	65,000	70,000	30,000	30,000	30,000
Red Rock Corridor Rail Project	GO-3	270	GO	5,000	12,000	163,000	0	0	0
Midwest Regional Rail Initiative (Inter-City)	GO-4	256	GO	10,000	30,000	30,000	0	0	0
Rail Service Improvement	GO-5	270	GO	12,000	6,000	6,000	0	0	0
Port Development Assistance	GO-6	230	GO	8,000	8,000	6,000	0	0	0
Statewide Public Safety Radio System	GO-7	95	GO	36,690	35,000	35,000	0	0	0
Consolidated Operations Support Facility	THF-1	160	THF	9,500	0	0	9,500	0	0
Mankato Headquarters Building	THF-2	175	THF	14,000	0	0	14,000	0	0
Communications Backbone Digital Conversion	THF-3	145	THF	11,000	0	0	2,000	0	0
Rochester Headquarters Addition			THF	0	4,000	0	0	0	0
Golden Valley Building Addition			THF	0	4,000	0	0	0	0
Materials Lab Building Addition			THF	0	3,490	0	0	0	0
Training Center Building Addition			THF	0	4,600	0	0	0	0
State Bridge Replacement and Rehabilitation			THB	0	70,000	70,000	0	0	0
Duluth Headquarters Addition/Remodel			THF	0	0	1,250	0	0	0

Funding Source

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STATE OF MINNESOTA
Agency Request
F.Y. 2002-2007

GOVERNOR'S RECOMMENDATIONS
(BY FUNDING SOURCES)
($ In Thousands)

Project description	Agency Priority	Strategic Score	Funding Source	Agency Request F.Y. 2002	Agency Request F.Y. 2004	Agency Request F.Y. 2006	Governor's Recommendation F.Y. 2002	Governor's Planning Estimates F.Y. 2004	Governor's Planning Estimates F.Y. 2006
Transportation, Department of									
Crookston Headquarters Building Addition			THF	0	0	1,000	0	0	0
Willmar Headquarters Building Addition			THF	0	0	1,700	0	0	0
Shakopee/Jordan Truck Station Addition			THF	0	0	4,675	0	0	0
Eden Prairie Truck Station Addition			THF	0	0	2,000	0	0	0
Maple Grove Truck Station Replacement			THF	0	0	2,500	0	0	0
Plymouth Truck Station Addition			THF	0	0	2,000	0	0	0
Project Total				**$274,190**	**$242,090**	**$395,125**	**$175,500**	**$30,000**	**$30,000**
General Obligation Bonding				**$239,690**	**$156,000**	**$310,000**	**$150,000**	**$30,000**	**$30,000**
Trunk Highway Fund (THF)				**$34,500**	**$16,090**	**$15,125**	**$25,500**	**$0**	**$0**
Trunk Hwy Fund Bonding (THB)				**$0**	**$70,000**	**$70,000**	**$0**	**$0**	**$0**

Funding Source

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STATE OF MINNESOTA
Agency Request
F.Y. 2002–2007

GOVERNOR'S RECOMMENDATIONS
(BY FUNDING SOURCES)
($ In Thousands)

Project description	Agency Priority	Strategic Score	Funding Source	Agency Request F.Y. 2002	Agency Request F.Y. 2004	Agency Request F.Y. 2006	Governor's Recommendation F.Y. 2002	Governor's Planning Estimates F.Y. 2004	Governor's Planning Estimates F.Y. 2006
University of Minnesota									
Systemwide – HEAPR	1	470	GO	80,000	80,000	80,000	35,000	35,000	35,000
St. Paul – Plant Growth Facilities, Phase II	2	428	GO/UF	18,700	0	0	3,400	14,300	0
Duluth – Laboratory Science Building	3	288	GO/UF	25,500	0	0	25,500	0	0
Minneapolis – Nicholson Hall	4	298	GO/UF	24,000	0	0	10,000	0	0
Minneapolis – Mineral Resources Research Center	5	298	GO/UF	18,400	0	0	0	0	0
Systemwide – Classroom Improvements	6	213	GO/UF	4,000	4,000	1,500	4,000	0	0
Minneapolis – Translational Research Facility	7	233	GO/UF	37,000	0	0	0	0	0
Crookston – Bede Hall Replacement	8	313	GO/UF	7,701	0	0	7,701	0	0
Morris – Social Science Building & Sprinklers	9	213	GO/UF	9,000	0	0	0	0	0
Minneapolis – Teaching & Technology Center	10	213	GO/UF	3,000	0	0	0	0	0
Statewide – Research & Outreach Centers	11	248	GO/UF	3,000	3,000	3,000	0	0	0
Minneapolis – Northrop Auditorium	12	248	GO/UF	2,000	10,000	0	0	0	0
Minneapolis – AHC Precinct Plan Phase I			GO/UF	0	20,000	0	0	0	0
Crookston – Academic Program Improvement I			GO/UF	0	4,500	0	0	0	0
Minneapolis – Folwell Hall			GO/UF	0	27,000	0	0	0	0
Morris – Academic Program Improvements I			GO/UF	0	3,000	0	0	0	0

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STATE OF MINNESOTA
Agency Request
F.Y. 2002–2007

GOVERNOR'S RECOMMENDATIONS
(BY FUNDING SOURCES)
($ In Thousands)

Project description	Agency Priority	Strategic Score	Funding Source	Agency Request F.Y. 2002	Agency Request F.Y. 2004	Agency Request F.Y. 2006	Governor's Recommendation F.Y. 2002	Governor's Planning Estimates F.Y. 2004	Governor's Planning Estimates F.Y. 2006
University of Minnesota									
Minneapolis – Pillsbury Hall Design			GO/UF	0	1,000	0	0	0	0
Minneapolis – Teaching and Technology Center			GO/UF	0	42,000	0	0	0	0
Minneapolis – Lind Hall Renovation			GO/UF	0	18,000	0	0	0	0
St. Paul – North Project			GO/UF	0	24,000	0	0	0	0
Duluth – Kirby Plaza Project			GO/UF	0	12,000	0	0	0	0
Minneapolis – AHC Precinct Plan Phase II			GO/UF	0	0	52,500	0	0	0
Minneapolis – Pillsbury Hall			GO/UF	0	0	15,000	0	0	0
Minneapolis – Scott Hall			GO/UF	0	0	12,000	0	0	0
Minneapolis – Peik Hall			GO/UF	0	0	12,000	0	0	0
Morris – Academic Program Improvements II			GO/UF	0	0	4,500	0	0	0
Minneapolis – Tate Laboratory of Physics I			GO/UF	0	0	21,000	0	0	0
St. Paul – Food Science & Nutrition			GO/UF	0	0	15,000	0	0	0
St. Paul – Plant Science Teaching & Outreach			GO/UF	0	0	4,000	0	0	0
Duluth – Chemistry / Life Science Vacated Space			GO/UF	0	0	9,000	0	0	0
Duluth – Bulldog Sports Center			GO/UF	0	0	16,751	0	0	0
Crookston – Academic Program Improvements II			GO/UF	0	0	6,000	0	0	0

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STATE OF MINNESOTA
Agency Request
F.Y. 2002-2007

GOVERNOR'S RECOMMENDATIONS
(BY FUNDING SOURCES)
($ In Thousands)

Project description	Agency Priority	Strategic Score	Funding Source	Agency Request F.Y. 2002	Agency Request F.Y. 2004	Agency Request F.Y. 2006	Governor's Recommendation F.Y. 2002	Governor's Planning Estimates F.Y. 2004	Governor's Planning Estimates F.Y. 2006
University of Minnesota									
Project Total				$232,301	$248,500	$252,251	$85,601	$49,300	$35,000
General Obligation Bonding				$186,596	$197,899	$196,223	$73,762	$49,300	$35,000
User Finance Bonding				$45,705	$50,601	$56,028	$11,839	$0	$0

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STATE OF MINNESOTA
Agency Request
F.Y. 2002-2007

GOVERNOR'S RECOMMENDATIONS
(BY FUNDING SOURCES)
($ In Thousands)

Project description	Agency Priority	Strategic Score	Funding Source	Agency Request F.Y. 2002	Agency Request F.Y. 2004	Agency Request F.Y. 2006	Governor's Recommendation F.Y. 2002	Governor's Planning Estimates F.Y. 2004	Governor's Planning Estimates F.Y. 2006
Veterans Homes Board									
Hastings Building Preservation	1	470	GO	8,553	0	0	8,553	0	0
Silver Bay Roof Replacement	2	395	GO	2,345	0	0	2,345	0	0
Silver Bay Master Plan Renovation	3	340	GO	3,659	0	0	0	0	0
Minneapolis Dining/Kitchen Renovation	4	315	GO	4,375	0	0	0	0	0
Asset Preservation	5	420	GO	4,690	4,406	4,963	2,000	2,000	2,000
Luverne Dementia Unit/Wander Area	6	345	GO	766	0	0	766	0	0
Minneapolis Adult Day Care	7	210	GO	2,825	0	0	0	0	0
Minneapolis Assisted Living	8	210	GO	2,710	0	0	0	0	0
Fergus Falls Wing-Dementia/Wander Additions			GO	0	5,034	0	0	0	0
Project Total				**$29,923**	**$9,440**	**$4,963**	**$13,664**	**$2,000**	**$2,000**
General Obligation Bonding				**$29,923**	**$9,440**	**$4,963**	**$13,664**	**$2,000**	**$2,000**

Funding Source

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STATE OF MINNESOTA
Agency Request
F.Y. 2002-2007

GOVERNOR'S RECOMMENDATIONS
(BY FUNDING SOURCES)
($ In Thousands)

Project description	Agency Priority	Strategic Score	Funding Source	Agency Request F.Y. 2002	Agency Request F.Y. 2004	Agency Request F.Y. 2006	Governor's Recommendation F.Y. 2002	Governor's Planning Estimates F.Y. 2004	Governor's Planning Estimates F.Y. 2006
Water & Soil Resources Board									
Reinvest In Minnesota	1	340	GO	20,000	20,000	20,000	7,000	7,000	7,000
			GF	1,634	1,634	1,634	0	0	0
Local Government Road Wetland Replacement	2	275	GO	5,200	4,600	4,600	0	0	0
			GF	900	800	800	0	0	0
Streambank, Lakeshore and Roadside Erosion Control	3	215	GO	4,740	4,740	4,740	0	0	0
			GF	260	260	260	0	0	0
Project Total				**$32,734**	**$32,034**	**$32,034**	**$7,000**	**$7,000**	**$7,000**
General Obligation Bonding				**$29,940**	**$29,340**	**$29,340**	**$7,000**	**$7,000**	**$7,000**
General Fund Projects (GF)				**$2,794**	**$2,694**	**$2,694**	**$0**	**$0**	**$0**
Zoological Gardens									
Zoo Master Plan Design/Construction	1	370	GO	18,563	67,442	0	7,184	0	0
Asset Preservation	2	410	GO	3,000	3,000	3,000	3,000	3,000	3,000
Project Total				**$21,563**	**$70,442**	**$3,000**	**$10,184**	**$3,000**	**$3,000**
General Obligation Bonding				**$21,563**	**$70,442**	**$3,000**	**$10,184**	**$3,000**	**$3,000**

Funding Source

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STATE OF MINNESOTA
Agency Request
F.Y. 2002-2007

GOVERNOR'S RECOMMENDATIONS
(BY FUNDING SOURCES)
($ In Thousands)

Project description	Agency Priority	Strategic Score	Funding Source	Agency Request F.Y. 2002	Agency Request F.Y. 2004	Agency Request F.Y. 2006	Governor's Recommendation F.Y. 2002	Governor's Planning Estimates F.Y. 2004	Governor's Planning Estimates F.Y. 2006
Grand Total				$1,942,026	$1,557,087	$1,573,906	$844,559	$357,114	$289,331
General Obligation Bonding				$1,762,840	$1,314,785	$1,341,875	$745,914	$314,923	$262,547
User Finance Bonding				$121,502	$125,438	$130,868	$65,828	$28,191	$21,660
Env & Natural Resoures (OTH)				$0	$7,260	$0	$0	$0	$0
General Fund Projects (GF)				$18,138	$18,794	$10,994	$2,271	$9,280	$80
Trunk Highway Fund (THF)				$39,546	$20,810	$20,169	$30,546	$4,720	$5,044
Trunk Hwy Fund Bonding (THB)				$0	$70,000	$70,000	$0	$0	$0

Funding Source

GF = General Fund	OTH = Other Funding Sources	THF = Trunk Highway Fund
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Dollars in Thousands ($137,500 = $138)

Project Title	2002 Agency Priority Ranking	Agency Project Requests for State Funds ($ by Session)				Statewide Strategic Score	Governor's Recommendations 2002	Governor's Planning Estimate	
		2002	2004	2006	Total			2004	2006
HEAPR	1	$35,885	$40,000	$45,000	$120,885				
Roof Replacement & Repair	1	33,264	30,000	25,000	88,264				
Mechanical/Electr Infrastructure Replacement	1	30,851	30,000	30,000	90,851				
Normandale CC - Science Remodel Phase 2	2	9,900	0	0	9,900				
Minneapolis C&TC - Consolidation Remodel Phs 2	3	9,000	3,625	0	12,625				
Metro SU - Library & Info Technology Center	4	17,442	0	0	17,442				
Alexandria TC - Classroom/Technology Bldg	5	9,150	0	0	9,150				
Winona SU - New Science Building	6	30,000	9,772	0	39,772				
MSU Moorhead - New Science Building	7	18,955	10,022	0	28,977				
Systemwide Science Lab Renovations	8	1,900	2,000	2,000	5,900				
Systemwide Land Acquisition	9	2,000	2,000	2,000	6,000				
Bemidji SU/NWTC Co-Location Design	10	850	10,000	5,000	15,850				
NWTC Moorhead - Health & Appl Tech Addition	11	400	5,000	0	5,400				
St. Cloud SU - Centennial, Riverview Remodel Phs 1	12	10,000	8,500	0	18,500				
MSU Mankato - Athletic Facility Phase 3	13	8,400	0	0	8,400				
Southwest SU - Library Remodel	14	9,200	0	0	9,200				
Hennepin TC - "D" Wing Remodel & Driveway	15	3,500	0	0	3,500				
NEHED Virginia - Lab, Classroom, LRC Remodel	16	5,496	0	0	5,496				
Lake Superior C&TC - Design Academic Addition	17	700	8,000	0	8,700				
MSC-SETC - Student Services Remodel	18	580	1,169	0	1,749				
Dakota TC - Design Info Tech/Telecomm Remodel	19	500	6,000	0	6,500				
St. Cloud TC - Design Workforce Center Add/Remodel	20	700	12,500	0	13,200				
Ridgewater C&TC - Science Labs Remodel	21	2,880	0	0	2,880				
Century C&TC - Design Intermediate Space Remodel	22	1,500	3,400	0	4,900				
South Central TC - Design Applied Labs Remodel	23	300	4,199	0	4,499				
Fergus Falls CC - Design IT & Student Services Add	24	760	6,500	0	7,260				
MnWest Worthington CTC - Science, Nursing Remodel	25	6,300	0	0	6,300				
Inver Hills CC - Design Student Services Addition	26	500	6,000	0	6,500				

Dollars in Thousands ($137,500 = $138)

Project Title	2002 Agency Priority Ranking	Agency Project Requests for State Funds ($ by Session)				Statewide Strategic Score	Governor's Recommendations 2002	Governor's Planning Estimate	
		2002	2004	2006	Total			2004	2006
2004 /2006 Capital Improvement Program		0	51,313	141,000	192,313				
Total Project Requests		$250,913	$250,000	$250,000	$750,913				

AGENCY MISSION STATEMENT:

Vision Statement:
"Minnesota State Colleges and Universities, by focusing creativity and energy on meeting the educational needs of those it serves, will be widely recognized as the primary educational pathway for the people of Minnesota to achieve an enhanced quality of life and improved economic competitiveness."

Mission Statement:
"Our mission is to provide the diverse citizens of Minnesota the benefits of high-quality, accessible, future-oriented higher education; relevant research; and community service."

"The MnSCU System of diverse institutions offers unequaled breadth, variety, and quality of educational opportunities across the state. Collectively, and in partnership, we offer learning opportunities for a technologically sophisticated world that result in:

- Contributing and empowered citizens
- Active participants in a democratic society
- Educated, skilled and adaptable workers
- Innovative lifelong learners
- Practical research and development
- Strong communities"

TRENDS, POLICIES AND OTHER ISSUES AFFECTING THE DEMAND FOR SERVICES, FACILITIES, OR CAPITAL PROGRAMS:

Operating Environment

MnSCU is the largest single provider of higher education in the state of Minnesota. The system consists of 34 public colleges and universities in 46 communities. MnSCU operates 19.3 million gross square feet of space in 649 buildings, excluding revenue fund buildings. Together these institutions offer more than 3,500 degree programs and produce 28,000 graduates annually, including the largest share of the state's new teachers, accountants, police officers, nurses, computer professionals, business people, firefighters, technicians, and building tradespeople. Of these MnSCU graduates, more than 80% stay in Minnesota.

Teaching and learning is the core service strategy. MnSCUs 34 public colleges and universities serve 216,000 students in for-credit courses, 148,000 incumbent workers at 6,000 businesses through customized training, and 100,000 students in non-credit continuing education programs. A study by Anton & Associates found that for every $1 the state invests in a Minnesota State College or University, there is a return of $5.75 to the economy.

Trends and Issues Affecting Facility Planning

MnSCU is affected by the overall economic, demographic and social trends in the state. These trends include:

- *A rapidly changing economy.* Although the state is in the midst of a short-term recession now, In the first decade of the 21st Century, Minnesota will add 43,000 jobs a year, compared to 49,000 jobs added each year in the 1990s and 26,000 jobs added each year in the 1980s. Between 1998 and 2008, 434,000 more jobs will be created and another 650,000 jobs will come open as Minnesotans retire, according to the Department of Economic Security's publication *Outlook.* Half of the job openings for new workforce entrants are expected to require at least some post-secondary education (39% requiring a four-year degree and 17% to 25% requiring a two-year degree).

- *A critical shortage of skilled labor.* Dun and Bradstreet recently found that 56% of Minnesota's companies cannot find an adequate number of *skilled* workers. Almost one-third of Minnesota's projected job growth between 1998 and 2008 is expected to occur in professional, paraprofessional and technical occupations. Increased employment opportunity in technology fields, led by information technology jobs, and service occupations, led by nurses and allied health professionals, requires that graduates of both two-year and four-year institutions be trained in the use of the most current technical equipment.

- *Shortage of nurses and allied health workers.* The Department of Economic Security's Minnesota Statewide Job Vacancy Survey reported 2,918 vacancies for RNs and 1,658 vacancies for LPN nurses in the 4th quarter of 2000. DES also reported 414 job vacancies for Radiologic Technicians and 351 vacancies for Medical and Clinical Laboratory Technicians. MnSCUs two-year and four-year institutions have traditionally produced the vast majority of Minnesota's nurses and allied health workers. MnSCU graduates 79% of all new nurses in Minnesota. Fulfilling educational requirements of their registration boards will require a shift to more science and technology offerings and will require retooling of laboratories and electrical systems.

- *Shift to scientific and technical occupations.* Professional, paraprofessional and technical jobs will account for 143,500 of the 434,000 new jobs. The largest gain is expected in information technology jobs, such as computer system analysts and computer engineers, and in health sciences jobs, such as nursing. Computer and health care professionals account for 47% of new job growth in the coming decade. MnSCU graduates 55% of all new computer information technology workers in Minnesota. Science and technology construction and remodeling projects lead this request.

- *Increasing diversity.* Institutions will need to serve a growing number of economically and racially diverse students, while maintaining access to higher

education in all areas in the state. Students of color are expected to account for over 40% of the increase in high school graduates by 2003 according to HESO.

Minority enrollments at MnSCU:	1988	2000
2-year colleges	4,856 students (6.6%)	13,844 students (11.6%)
4-year universities	1,572 students (3%)	3,592 students (6.4%)

Minneapolis C&TC (37.9%), Metro State University (20.2%), St. Paul TC (27.7%), and Fond du Lac Tribal College (26.2%) serve the largest proportions of minority students in the MnSCU system.

- *Non-traditional students and headcount increase.* The number of high school graduates is expected to peak in 2003 statewide and in 2005 for the metro area and southeast region, according to HESO. "Faces of the Future" report by Minnesota Planning predicts that the population under 15 will decline through 2005, with slight gains in suburban areas and losses in rural areas. While the number of high school graduates levels off, the need for short-term retraining and second degrees will increase, as skills become obsolete. Displaced workers and individuals reentering the workforce will continue to seek short-term occupational training at two-year institutions. In addition, professionals seeking to advance their careers need place-bound access to advanced degrees. The mean age of MnSCU students in FY 2000 was 26.8 years. Increased numbers of part-time students put pressure on student services, libraries and distance learning facilities.

- *Increasing competitive environment.* Higher education faces tremendous opportunities and threats from emerging new forums and formats for delivering education content, and must respond by investing in redefining structures and providing the technological backbone to compete.

Enrollment Projections

Student full year equivalent (FYE) enrollment at MnSCU institutions for FY 2001 totaled 118,395. This included actual FYE of 68,369 in two-year institutions and actual FYE of 50,026 at four-year institutions.

	Actual FYE 1995	Actual FYE 2000	Projected FYE 2001	Projected FYE 2002
2-year	68,246	66,330	68,369	71,465
4-year	47,517	47,869	50,026	51,760
Total:	115,763	114,199	118,395	123,225

Enrollment is affected by the general economy, by the number of high school graduates, and by the need for ongoing education and training as the work force adapts to change.

DESCRIBE THE AGENCY'S LONG-RANGE STRATEGIC GOALS IN RELATION TO CAPITAL REQUESTS:

The Board of Trustees of the Minnesota State Colleges and Universities adopted the following strategic goals and priority outcomes in May of 2000:

Goal 1: Student Success
Students at MnSCU will have the opportunity to achieve their educational and career goals through high quality learning and support services matched to their talents and abilities.

- Priority: Develop a seamless, articulated transfer path.

Goal 2: Institutional Excellence and Quality
MnSCU will provide programs and services that are nationally and internationally competitive, high quality, future-oriented, and focused on and accountable to the needs of students, employers, and the community.

- Priority: Programs, services and facilities will align to the career goals of students and the workplace needs of communities and businesses.
- Priority: Develop a means to strengthen regional planning and configuration.

Goal 3: Community Collaboration and Partnerships
MnSCU will work in partnership with a wide variety of organizations to provide programs and services to meet community needs.

- Priority: Work in partnership with business and industry to create new programs in high-skill and high-demand jobs.

Goal 4: MnSCU System Leadership
MnSCU will provide system leadership that recognizes and capitalizes on the diversity and accessibility of its colleges and universities and creates and sustains a system that excels in providing higher education for Minnesota's future.

MnSCU institutions must be flexible, fast-on-their-feet, and forward-looking in order to produce the graduates for industries that deal with health care, science, engineering, teaching, information and technology. Much of the request deals with making mid-century buildings capable of providing the delivery of end-of-millennium knowledge.

In June 1998, the Board of Trustees adopted the following principles for development of the capital request. These principles were reaffirmed by the board in May 2000 when the FY 2002 capital budget guidelines were adopted. Projects should:

- support the goals and directions of MnSCUs strategic plan as well as the college or university academic and facility plan,
- address functionality of the facility to accommodate current and future academic programs,
- address technical infrastructure for current and future classrooms and laboratories in order to enhance teaching and learning,
- consider environmental impacts, cost of leases vs. ownership, energy conservation, operation and maintenance costs, and personnel requirements in context with existing campus resources,
- be contiguous to compatible functions and planning should include connecting the buildings when appropriate,
- continue providing centralized one-stop services for students, and
- include a completed predesign prior to making an initial request for major remodeling or new construction projects.

Project requests from metropolitan area colleges must correspond to the metro regional plan for academic programs and facilities.

Based on these principles, the Board of Trustees adopted a four-point order of priority for the 2002-2003 capital program:

1. **Life Safety and Asset Preservation** -- projects that preserve existing facilities; and facilities renewal to support existing programmatic requirements of the institution.

2. **Program Enhancement** – projects that support the institutional and system wide strategic plan. Projects include updating facilities to coincide with new, innovative teaching methods and allow flexibility for changes in pedagogy in the next century.

3. **Facility Revitalization Replacement** – projects that are fully supported by integrated academic and facility master plans, correct facility deficiencies due to obsolescence, update technology and building operating components, and create a long-term dynamic vision for the institution.

4. **Cooperative Ventures** -- projects that support cooperative program initiatives between institutions and community partners, businesses and government agencies when these initiatives are mutually beneficial.

In addition, the Legislature provided guidance to the Board of Trustees in establishing capital budgeting priorities in the FY 2000 capital improvement appropriation, as follows:

"The board of trustees of the Minnesota colleges and universities are requested to consider the following criteria in establishing priorities for requests for bond funds for capital projects:

- maintenance and preservation of existing facilities;
- completion of projects that have received funding;
- updating facilities to meet contemporary needs;
- providing geographic distribution of capital projects; and
- maximizing the use of nonstate contributions."

The capital budget guidelines adopted by the Board of Trustees in May 2000 reflected all the above strategic goals and principles.

PROVIDE A SELF-ASSESSMENT OF THE CONDITION, SUITABILITY, AND FUNCTIONALITY OF PRESENT FACILITIES, CAPITAL PROJECTS, OR ASSETS:

MnSCU operates 649 classroom buildings, libraries, and other structures, totaling 19 million sq. ft., excluding revenue fund buildings. The facilities range in age from over 50 years to less than five years, with an average age of 20 years for college buildings and 38 years for university buildings.

MnSCU undertook an assessment of all deferred maintenance needs 1997 and 1998. Five professional firms were selected to inspect all buildings in the system. A prepared survey checklist was employed to assure compliance with the developed protocol. Areas inspected were: 1) structural integrity; 2) mechanical and plumbing systems; 3) laboratory service reliability; 4) electrical service; and 5) safety and accessibility.

Deferred maintenance needs totaling $497.9 million were identified across the 18.6 million sq. ft. of academic and support spaces inspected. Recurring patterns of building deterioration emerged:

- Envelope Integrity. Roofs, windows, tuckpointing
- Mechanical Reliability. HVAC, plumbing, electrical systems
- Restoration of Interior Spaces. Lighting, egress
- Safety and ADA Concerns. Fire protection, building code compliance, and access for the handicapped

MnSCU hired a consultant in 2001 to make this deferred maintenance database a dynamic, on-going assessment. The consultant will load the 1997-98 assessment into a web-based system so that facilities managers at each MnSCU college and university can keep their assessment up to date. This project is expected to be fully functional for the 2004 capital budget process.

Suitability and functionality of present facilities are more of an issue than capacity. While most of the buildings are structurally sound, they are outdated and must be renovated to accommodate today's technological academic delivery needs.

AGENCY PROCESS USED TO ARRIVE AT THESE CAPITAL REQUESTS:

Following adoption of the priorities listed above, a Capital Budget Writing Workshop was held for campus administrators in the MnSCU system in May of 2000. Colleges and universities were instructed to show:

- strong connections between facility planning and MnSCUs strategic goals,
- strong connections between facility planning and campus level educational planning,
- evidence that existing facilities are being fully used,
- a plan for debt service under the current formula, and
- evidence of a space utilization inventory and long-range facilities plans in developing their capital project.

Projects resulting in additional square footage were allowed but discouraged. Renovations or adaptive re-use of current facilities was encouraged.

Six technical advisory teams were created from facilities and finance personnel at the campuses, plus academic affairs personnel from the system office. These teams evaluated and scored the projects received according to the board's guidelines. The scoring mechanism gave preferential points to projects receiving prior legislative funding. Each project was double scored. Individual team members could not review their own campus.

The Board of Trustees Facilities Committee reviewed and ranked the 2002-03 projects in accordance with the scores assigned by the technical advisory teams and the board's priorities. In addition, the Facilities Committee incorporated information from the campus master plans, space utilization study, facilities condition assessment, project predesigns, and prior level of capital investment. The board held three public hearings in January 2001 (St. Cloud TC) and February 2001 (Century C&TC and World Trade Center), and an additional public hearing in June 2001 (Dakota County TC).

The Board of Trustees held its first reading of the FY 2002 capital budget in May 2001, and its second reading and approval of the budget in June 2001.

AGENCY CAPITAL BUDGET PROJECTS DURING LAST SIX YEARS (1996-2001):

College	Appropriation	Years
HEAPR	$89,000	96, 98, 00
St. Cloud State U	$39,364	96, 98, 00
MSU Mankato	$22,227	96, 98, 00
MSU Moorhead	$17,260	96, 98, 00
Winona State U	$12,500	96, 98, 00
Bemidji SU/NWTC	$8,305	98, 00
Metro SU	$1,300	98, 00
Southwest SU	$840	98, 00
North Hennepin CC	$25,246	96, 98, 00
Hibbing C&TC	$20,500	97, 98
Rochester C&TC	$16,900	98, 00
Minneapolis C&TC	$16,530	96, 98, 00
Anoka-Ramsey CC	$14,940	96
Ridgewater C&TC	$12,750	96, 98, 00
Anoka-Hennepin TC	$12,500	98, 00
Normandale CC	$11,640	98, 00
Inver Hills CC	$11,000	98
St. Paul TC	$10,000	98
St. Cloud TC	$8,992	98, 00
Fond du Lac TCC	$8,100	96, 00
NEHED Laurentian C&TC	$3,620	96, 98
Century C&TC	$3,600	98
NEHED Itasca CC	$3,600	00
Central Lakes (Staples)	$1,745	96, 98
Pine TC	$1,700	98
MSC- Southeast TC	$1,500	98
NWTC Moorhead	$1,258	00
Riverland C&TC	$1,000	98
Alexandria TC	$500	00
Hennepin TC	$0	NA
MnWest Worthington C&TC	$0	NA
Fergus Falls CC	$0	NA

2002 STATE APPROPRIATION REQUEST: $35,885,000

AGENCY PROJECT PRIORITY: 1 of 28

PROJECT LOCATION: Systemwide

PROJECT DESCRIPTION AND RATIONALE:

Provide funding to maintain and preserve MnSCUs existing physical assets as specified in M.S. 135A.046. Request includes HVAC repair/replacement, air quality improvements, ADA accessibility projects, fire alarms and sprinklers, security lighting, security access, storm sewers, ground water drainage, window replacement, tuckpointing, electrical systems replacement, hazardous materials abatement, as well as life safety and code compliance projects.

MnSCUs physical assets are comprised of 19.3 million gross square feet of space in 649 separate buildings, located on 53 separate campuses. This request does not include state university revenue fund buildings. Maintenance and asset preservation projects include repair and in-kind replacement of building and equipment components, sub-systems, and full systems that have reached their useful life expectancy. The following table provides more detail for each category, and the categories are defined further below:

Safety and Statutory Compliance	$ 7,953,197
Building Envelope Integrity	$ 8,364,866
Mechanical & Electrical Reliability	$13,797,093
Space Restoration (Interior & Exterior)	$ 5,769,558

Higher Education Asset Preservation and Repair:

MnSCU has made life safety and maintenance of its existing facilities a top priority in the 2002-07 Capital Improvement Program. The FY 2002 HEAPR request is comprised of 209 separate projects, which benefit all of the 35 state colleges and universities in Minnesota. Excluding the roofs and major mechanical projects detailed in the following request, there are 131 separate HEAPR projects included. The request was developed utilizing a "catch up and keep up" strategy which calls for a 20-year phase out of deferred maintenance through a combination of HEAPR and general operations funds.

Each college and university submitted a set of prioritized asset preservation projects utilizing individual assessments of the buildings and grounds and findings from the systemwide facilities condition assessment. A funding distribution model was used to prepare the system request. It emphasized roofs and building envelope integrity, major mechanical and electrical system replacements, and life safety and regulatory issues. Individual campus priorities were respected in setting the budget. An attempt was made to allocate money to projects that were roughly proportional to the amount of square footage on a particular campus, but this was not always possible because the size of some needed replacement projects at smaller campuses skewed the averages.

Facilities Condition Assessment:

In 1998 and 1999, MnSCU engaged in a study to ensure that campuses have effective facilities management system in place, with emphasis on facilities care and utilization, budgeting and cost accountability. Five professional firms were contracted to inspect all the buildings in the system, using a protocol developed by MnSCU. A deferred maintenance survey was conducted on all MnSCU facilities.

The results of the survey were a key element in the development of a comprehensive management program. The survey provided data for analyzing the building conditions, and to describe the physical condition of all building systems and sub-systems. This survey identified deferred maintenance totaling $498 million or $26.81 per gross square foot across the system.

This survey provided a snapshot in time. The challenge in the future is to make this survey dynamic. To that end, MnSCU is developing a web-based facility condition program that individual institutions can keep current on a rolling, real-time basis, and that the system office can access for up-to-date condition reports. This dynamic facilities condition database should be in place for the FY 2004 capital budget.

PROJECT RATIONALE AND RELATIONSHIP TO AGENCY LONG RANGE STRATEGIC PLAN AND CAPITAL PLAN:

MnSCU Strategic Plan:
The Board of Trustees established Strategic Facilities Principles in 1998 that have guided MnSCUs capital program since that time. This project meets MnSCUs strategic facilities principles to:

- Focus on preservation and renewal to protect the state's investment in our facilities.
- Consider environmental impacts, energy conservation, operation and maintenance costs and personnel requirements in context with existing campus resources.
- Maximize functionality of the facility to accommodate current and future academic programs.

Enrollment and Space Utilization:

Student full year equivalent (FYE) enrollment at MnSCU institutions for FY 2001 totaled 120,560, with a headcount of 216,000. This included actual FYE of 69,474 in two-year institutions and actual FYE of 51,086 at four-year institutions.

	Actual FYE 1995	Actual FYE 2000	Actual FYE 2001	Projected FYE 2002
2-year	68,246	66,330	69,474	71,035
4-year	47,517	47,869	51,086	52,338
Total:	115,763	114,199	120,560	123,373

The preliminary 2001 Paulien Space Utilization Study shows a systemwide 2% overall projected surplus of space in 2000. The same study projects that this slight surplus will become an 8% deficit if current enrollment projections are met.

MnSCU Strategic HEAPR Priorities:

Major replacement and/or repair items of a capital nature will be accomplished with this funding. Those items or systems have surpassed their useful, functional life and fixing them would protect the state's past investment in its facilities.

Building Envelope Integrity - Water intrusion due primarily to building age has resulted in exterior and interior damage to a number of buildings. Envelope failures are impairing the life expectancy of these buildings as well as the quality of interior program spaces. This request is for envelope integrity projects like tuckpointing, lintel replacement, and window replacement. Roof replacements are included in a separate, but related project request.

Mechanical & Electrical Reliability - Building systems and components such as boilers, ventilation systems, electrical systems, and building controls are beyond, or quickly nearing, the end of their useful life cycles. Age of equipment, as well as repair and replacement deferrals have resulted in operating inefficiencies and deterioration of systems reliability. Mechanical or electrical requests over $1 million are included in a separate, but related project request.

Restoration of Interior and Exterior Spaces - Selected interior and exterior space refurbishing is required in order to ensure that facilities properly support current academic, student life, and athletic programs. The replacement of plumbing, ceiling tiles, doors, floor surfaces, security systems, and lighting that are worn out are included in this category. Exterior space restorations include site drainage corrections, loading dock repairs, storm sewer upgrades, and security lighting. Space restorations within academic and support spaces will make a significant positive impact on the quality of life across the campuses.

Safety and Statutory Concerns - Safety and code compliance are concerns that need to be addressed. These projects consist of fire protection, building egress, emergency lighting, and access for the handicapped.

This $100 million HEAPR request is a continuation of the "catch up and keep up" plan to eliminate the $498 million backlog of deferred maintenance. MnSCU had proposed a 20 year plan in FY 2000, but under that plan "catching up" would have involved the commitment of $100 million in HEAPR ($30 million was committed) and an additional $16 million in biennial R&R dollars in the operating budget (no additional R&R dollars were committed). The "catch up and keep up" plan can be put back on track to ensure that the state of Minnesota preserves the investment made in existing educational facilities. The plan calls for:

- $100 million (uninflated) HEAPR per biennium through FY 2012
- $30 million (uninflated) operating budget thereafter through FY 2020

Thirty (30) Month Execution:

MnSCU has developed and implemented a HEAPR execution strategy to complete HEAPR projects within 30 months of receiving an appropriation. The FY 1998 appropriation was fully committed well within the 30-month execution schedule, and MnSCU is on schedule to commit the FY 2000 HEAPR appropriation within the 30 month schedule.

This accelerated execution schedule was made possible by:

- Projects being delegated to respective MnSCU institutions,
- Accurate and timely project cost and project status reporting on-line,
- Face-to-face HEAPR program discussions between system office and responsible campus personnel three times per year,
- Reporting on status of HEAPR program to Board of Trustees quarterly,
- Developing a program of pre-approved engineering consultants, and
- Developing expedited contracting procedures for pre-approved consultants, as well as pre-approved construction contractors for smaller HEAPR projects.

MnSCU is on track with meeting its 30-month obligation for expenditures of 2000 HEAPR funds. In 12 months, as of June 2001, MnSCU had encumbered or spent $22.3 million, or 75% of the 2000 appropriation. We expect to have the entire appropriation committed by December 2002.

IMPACT ON STATE AGENCY OPERATING BUDGETS (FACILITIES NOTE):

Since this HEAPR request contains such a large and diverse number of projects it is difficult to precisely calculate the impact these facility repairs and renewals will have on operating budgets. For example, adding lighting may increase costs on some campuses while lighting upgrades on other campuses will decrease costs.

Overall, operating budgets will be positively impacted as these major deferred maintenance items are addressed.

OTHER CONSIDERATIONS:

Without these needed infrastructure and basic asset preservation project funds, MnSCU cannot continue to provide safe, accessible, modern and compliant facilities for our students, and the state's Higher Education goals of access will be eroded.

PROJECT CONTACT PERSON, TITLE, ADDRESS, PHONE, FAX, AND E-MAIL:

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Dollars in Thousands ($137,500 = $138)

TOTAL PROJECT COSTS All Years and All Funding Sources	Project Costs All Prior Years	Project Costs FY 2002-03	Project Costs FY 2004-05	Project Costs FY 2006-07	Project Costs All Years	Project Start (Month/Year)	Project Finish (Month/Year)
1. Property Acquisition							
Land, Land Easements, Options	$0	$0	$0	$0	$0		
Land and Buildings	0	0	0	0	0		
2. Predesign Fees	0	0	0	0	0		
3. Design Fees							
Schematic	0	0	0	0	0		
Design Development	0	0	0	0	0		
Contract Documents	0	0	0	0	0		
Construction Administration	0	0	0	0	0		
4. Project Management							
State Staff Project Management	0	0	0	0	0		
Non-State Project Management	0	0	0	0	0		
Commissioning	0	0	0	0	0		
Other Costs	0	0	0	0	0		
5. Construction Costs						08/2002	12/2004
Site & Building Preparation	0	0	0	0	0		
Demolition/Decommissioning	0	0	0	0	0		
Construction	6,850	35,885	40,000	45,000	127,735		
Infrastructure/Roads/Utilities	0	0	0	0	0		
Hazardous Material Abatement	0	0	0	0	0		
Construction Contingency	0	0	0	0	0		
Other Costs	0	0	0	0	0		
6. One Percent for Art	0	0	0	0	0		
7. Relocation Expenses	0	0	0	0	0		
8. Occupancy							
Furniture, Fixtures and Equipment	0	0	0	0	0		
Telecommunications (voice & data)	0	0	0	0	0		
Security Equipment	0	0	0	0	0		
Other Costs	0	0	0	0	0		
SUBTOTAL: (items 1 – 8)	6,850	35,885	40,000	45,000	127,735		
9. Inflation							
Midpoint of Construction							
Inflation Multiplier		0.00%	0.00%	0.00%			
Inflation Cost		0	0	0	0		
GRAND TOTAL	$6,850	$35,885	$40,000	$45,000	$127,735		

Dollars in Thousands ($137,500 = $138)

CAPITAL FUNDING SOURCES	Prior Years	FY 2002-03	FY 2004-05	FY 2006-07	TOTAL
State Funds :					
G.O Bonds/State Bldgs	6,850	35,885	40,000	45,000	127,735
State Funds Subtotal	6,850	35,885	40,000	45,000	127,735
Agency Operating Budget Funds	0	0	0	0	0
Federal Funds	0	0	0	0	0
Local Government Funds	0	0	0	0	0
Private Funds	0	0	0	0	0
Other	0	0	0	0	0
TOTAL	**6,850**	**35,885**	**40,000**	**45,000**	**127,735**

CHANGES IN STATE OPERATING COSTS	Changes in State Operating Costs (Without Inflation)			
	FY 2002-03	FY 2004-05	FY 2006-07	FY 2008-09
Compensation -- Program and Building Operation	0	0	0	0
Other Program Related Expenses	0	0	0	0
Building Operating Expenses	0	0	0	0
Building Repair and Replacement Expenses	0	0	0	0
State-Owned Lease Expenses	0	0	0	0
Nonstate-Owned Lease Expenses	0	0	0	0
Expenditure Subtotal	0	0	0	0
Revenue Offsets	0	0	0	0
TOTAL CHANGES	0	0	0	0
Change in F.T.E. Personnel	0.0	0.0	0.0	0.0

PREVIOUS STATE CAPITAL APPROPRIATIONS FOR THIS PROJECT (Legal Citations) Laws of Minnesota (year), Chapter, Section, Subdivision	Amount
Laws of Minn 2000, Ch 492, Art I, Sec 3, subd 2, HEAPR	6,850
TOTAL	**6,850**

SOURCE OF FUNDS FOR DEBT SERVICE PAYMENTS (for bond-financed projects only)	Amount	Percent of Total
General Fund	35,885	100.0%
User Financing	0	0.0%

STATUTORY AND OTHER REQUIREMENTS Project applicants should be aware that the following requirements will apply to their projects after adoption of the bonding bill.	
No	MS 16B.335 (1a): Construction/Major Remodeling Review (by Legislature)
Yes	MS 16B.335 (1b): Project Exempt From This Review (by Legislature)
No	MS 16B.335 (2): Other Projects (require legislative notification)
Yes	MS 16B.335 (3): Predesign Review Required (by Administration Dept)
Yes	MS 16B.335 (4): Energy Conservation Requirements
No	MS 16B.335 (5): Information Technology Review (by Office of Technology)
Yes	MS 16A.695: Public Ownership Required (as per Finance Dept.)
No	MS 16A.695: Use Agreement Required (as per Finance Dept)
No	MS 16A.695: Program Funding Review Required (by granting agency)
No	Matching Funds Required (as per agency request)
Yes	Project Cancellation in 2007 (as per Finance Dept)

Department of Administration Analysis:

Admin policy is to support the appropriation of funds for asset preservation as a means of ensuring appropriate stewardship of current state owned facilities.

Department of Finance Analysis:

In June 1998 the MnSCU Board adopted seven principles that were to guide their capital budget development process. These principles led to a four-point order of priority for the 2002-03 capital program: 1) Life Safety and Asset Preservation 2) Program Enhancement 3) Facility Revitalization Replacement, and 4) Cooperative Ventures.

The MNSCU System has established a scoring system, similar to DOFs scoring system, to review and score each capital request. Up to 360 points are possible. These scores should reflect the degree to which the project meets the principles and order of priorities. Projects were grouped into tiers (i.e. every project with more than 200 points was put in the first tier).

The strategic planning summary also notes the five criteria established by the legislature in the past bonding bill for prioritizing higher education bonding requests.

As of 12-27-01, according to the Minnesota Accounting and Procurement System (MAPS), MnSCU has spent $22,595,059 of their $30,000,000 HEAPR appropriation in 2000. At this time, $7,404,941 remains unobligated in the state's accounting system. Additionally, $523,651 remains unobligated from the $43,000,000 HEAPR appropriation in 1998.

MnSCU has broken up their HEAPR request into 3 separate requests, and called each of them their #1 priority. Together they cover the three kinds of projects which HEAPR has traditionally been used for.

The narrative notes that the operating budget "will be positively impacted", but the savings have not been quantified in the request.

Governor's Recommendation:

The Governor recommends general obligation bonding of $35 million for HEAPR, HEAPR Roof Repair and Replacement, and HEAPR Mechanical and Electrical, as part of his statewide asset preservation and facility repair initiative. Also included are budget planning estimates of $35 million in 2004 and $35 million in 2006.

STATEWIDE STRATEGIC SCORE		
Criteria	**Values**	**Points**
Critical Life Safety Emergency - Existing Hazards	0/700	0
Critical Legal Liability - Existing Liability	0/700	0
Prior Binding Commitment	0/700	0
Strategic Linkage - Agency Six Year Plan	0/40/80/120	120
Safety/Code Concerns	0/35/70/105	70
Customer Service/Statewide Significance	0/35/70/105	70
Agency Priority	0/25/50/75/100	100
User and Non-State Financing	0-100	0
State Asset Management	0/20/40/60	60
State Operating Savings or Operating Efficiencies	0/20/40/60	0
Contained in State Six-Year Planning Estimates	0/25/50	50
Total	700 Maximum	470

To encourage rapid expenditure of these capital funds for immediate economic stimulus, the Governor recommends a sunset date of 6-30-2004 for the 2002 appropriation. Any portion of these funds not spent or encumbered by that date should be cancelled.

2002 STATE APPROPRIATION REQUEST: $33,264,000

AGENCY PROJECT PRIORITY: 1 of 28

PROJECT LOCATION: Systemwide

PROJECT DESCRIPTION AND RATIONALE:

Provide funding to replace MnSCUs roofs as specified in MS 135A.046. MnSCU is responsible for approximately one-third of the total square footage of buildings in the state of Minnesota. This includes 287 acres of roofs on just the educational buildings. This requested program replaces 1,533,400 sq. ft., or 12.3%, of roofs. Well over half the roofs on this list are currently leaking. Roofs on state university revenue fund buildings are excluded from this funding request.

MnSCU has been engaged in a systematic program to replace all failing flat roofs in the system with built up asphalt slope-to-drain roofs since the merger in 1995.

PROJECT RATIONALE AND RELATIONSHIP TO AGENCY LONG RANGE STRATEGIC PLAN AND CAPITAL PLAN:

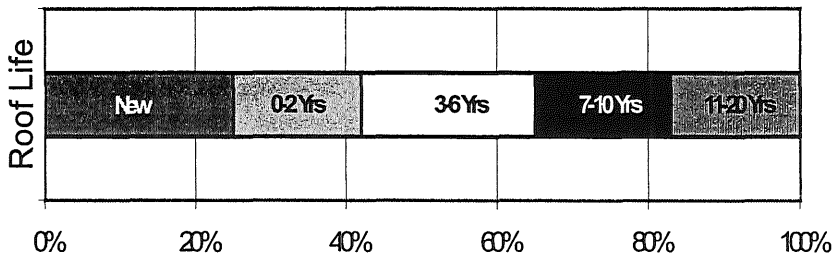
MnSCU Strategic Plan:
The Board of Trustees established Strategic Facilities Principles in 1998 that have guided MnSCUs capital program since that time. This project meets MnSCUs strategic facilities principles to:

- Focus on preservation and renewal to protect investment in education facilities,
- Consider energy conservation, operation and maintenance costs and personnel requirements in context with existing campus resources,
- Maximize functionality of the facility to accommodate current and future programs.

The board has placed its top priority on preserving the existing building inventory. The need to keep water out of a building is the most important goal in preserving and protecting the existing physical assets. Any other funding provided to a building will be compromised if water is penetrating the building exterior. In particular, leaking water can and does lead to mold growth that affects student and faculty health. MnSCU has placed its highest priority keeping students and faculty dry and warm, and on the integrity of all 287 acres of roofs in the system.

Facilities Assessment:
In 1999, MnSCU engaged in a study to assess the physical condition of our campuses. The Facility Condition Assessment identified $109.6 million in immediate roofing and building exterior integrity issues. This should be considered a snapshot in time of all roofing issues within MnSCU.

In addition, since the merger in 1995 MnSCU has engaged a specialty consultant to physically inspect all the roofs in the MnSCU system annually. The consultant prioritizes roofs by remaining life expectancy. This request for roof replacement covers mostly those roofs having 0 to 1 years of remaining life expectancy, with a few having one to two years of remaining life.



The pre-merger roof standards provided a 20 year life expectancy to roofs, so we should anticipate replacing most roofs in the system after 20 years. Many of these buildings were constructed in the 1970s, and so their roofs have exceeded their life expectancy.

This places a heavy operating cost burden on building maintenance to keep the leaks patched.

Project Rationale and Predesign:
This request will replace 60 aged (and sometimes leaking) roofs in the MnSCU system, including those at:

- Alexandria Technical College
- Anoka Ramsey Community College in Coon Rapids
- Bemidji State University
- Central Lakes Community and Technical College (both campuses)
- Dakota County Technical College
- Fergus Falls Community College
- Hennepin Technical College
- Hibbing Community and Technical College
- Inver Hills Community College
- Lake Superior Community and Technical College
- Minneapolis Community and Technical College
- Minnesota West Community and Technical College (4 campuses)
- MSC-Southeast Technical in Winona

- Minnesota State University Moorhead
- Minnesota State University, Mankato
- Northeast Higher Education District (3 campuses)
- Normandale Community College
- North Hennepin Community College
- Northland Community and Technical College
- Northwest Technical College (Detroit Lakes & Wadena)
- Pine Technical College
- Ridgewater Community and Technical College (both campuses)
- Rochester Community and Technical College
- South Central Technical College in North Mankato
- Southwest State University
- St. Cloud State University
- St. Cloud Technical College
- Winona State University

The system reserve will be used to meet unforeseen emergencies. For example, system reserve money was used to perform engineering design work on the Granite Falls roof after it was damaged by a tornado in 2000.

Design engineering (partially funded by operating funds) has been or will be completed by February 2002 on 51 roofs ($22.9 million), and that $22.9 million could be ready to put out to contract by April 2002. Design engineering is in process on the remaining 13 roofs in this funding request, and will be completed by Fall 2002.

MnSCU Standard Roof:
Over the years the roof replacement standards have been refined and updated to reflect changes in technology, maintenance strategy, and facility longevity. The objective of the program is to:

Provide maximum roof performance with the least cost to the taxpayer over the life of the building

MnSCU design standards provide a minimum of roof penetrations, reduced water intrusion from adjacent walls, optimum drainage with slope-to-drain surfaces, and stringent performance criteria that leads to a 40 year life expectancy. Quality assurance inspections and testing ensure that the roofs adhere to performance standards. These performance standards have become known as the MnSCU standard roof.

The MnSCU standard roof is a built-up, asphalt, four-ply, and positive slope-to-drain. MnSCU standard sloped roofs include slate, clay, tile, or occasionally metal with waterproof underlayment.

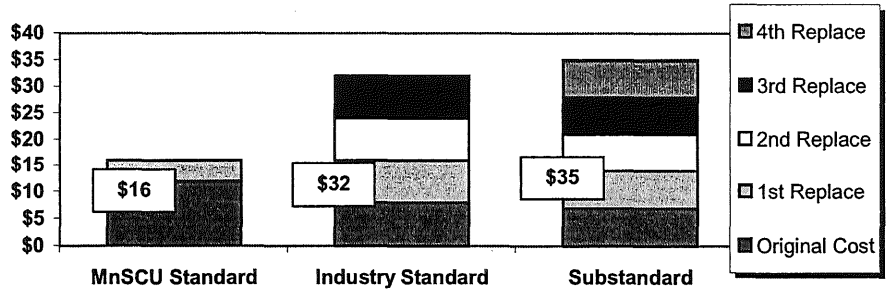
The MnSCU standard roof costs an additional $4 per sq. ft. in first costs, but saves $16 per square foot over 79 years as compared to an industry standard roof. The $16 dollars does not take into account additional savings in the operating budget due to ease of repair, and higher R-value of insulation.

Industry Standard Roofs
- 20 year life expectancy
- 79 year cost = $32 per sq. foot
- Ponding water
- Roof drains improperly located
- Excessive roof penetrations
- Single membrane
- Difficult to patch or repair
- Non-walkable
- Meets R-value energy requirements

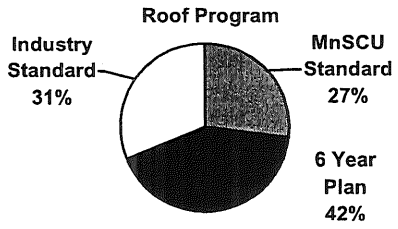
MnSCU Standard Roofs
- 40 year life expectancy
- 79 year cost = $16 per sq. foot
- Sloped to drain, no ponding
- Drains relocated to optimize drainage
- Roof penetrations reduced
- Multiple layers
- Easy to maintain
- Durable for limited walking
- Exceeds R-value energy requirements

Once the 4 million sq. ft of roofs in the 0-5 year life category are replaced with a MnSCU standard roof, the savings to the state over 79 years would be approximately $68 million, expressed in 2001 dollars.

Comparison on MnSCU Standard Roof & Industry Standard Roof Dollars per Square Foot over 79 Years



Roof Replacement Budget:
Currently 27% of the 12.5 million sq. ft. of roofs are MnSCU standard and 73% are industry standard, or even substandard. Approximately 4 million sq. ft (or 42%) are in the 0-5 years of remaining life category. The estimated cost to replace these roofs is $53 million over five years (in 2001 dollars), or $20 million per biennium.



Because the MnSCU roof replacement program in FY 2000 was funded at $13 million, 19 roofs with no remaining useful life were pushed into FY 2002, making the FY 2002 request $30 million. Funding less than $30 million in FY 2002 will increase the FY 2004 and beyond program requirements proportionally as well as exacerbate continued damage to building structures.

IMPACT ON STATE AGENCY OPERATING BUDGETS (FACILITIES NOTE):

There will be a positive impact on MnSCU operating budgets, as there will be about $634,500 in annual savings in time and materials from reduced daily maintenance on leaking roofs. There will also be significant energy savings from improved R-value insulation, in as much as the current roofs are on average an R15 and the new roofs will be between R25 and R30. This should result in an estimated $116,500 savings on the 1.5 million sq. ft. of roof replaced with this request.

OTHER CONSIDERATIONS:

Failure to replace these roofs will not only increase the FY 2004 request, but water penetration into the building interior will cause additional damage at most of these schools. The most hazardous and expensive result to student and faculty health is when water penetration leads to mold growth in the walls, ceilings, and ventilation system.

- At Minnesota State University Mankato water leaking through the Utility Plant roof caused a short in the central fire alarm panel potentially endangering lives. Deterioration and leaking of the old rubber roof on Nelson Hall Addition led to mold growth that required $53,000 in mold remediation work.
- The Granite Falls roof was severely damaged by a tornado in 2000. Temporary repairs were made in 50 locations at a cost of $45,000. It is leaking so badly that furniture, computers and equipment in six rooms must be covered with plastic every time it rains, and snow must be continually removed from the roof to avoid snowmelt from leaking in.
- The interior of the building at Alexandria has recently been remodeled from shop areas into classrooms. The two aging roofs are leaking above the newly remodeled classrooms, causing damage to computers and interior walls.
- The roof at Detroit Lakes was in the HEAPR request for FY 2000, but not funded. It had 0 years of remaining life two years ago, and is leaking with even 1/4" of rain. The roof is pulling away from the flashings and water leaking in is causing mold growth.
- Central Lakes roofs at Brainerd were built with a 20 year life expectancy 27 years ago. They were diagnosed with one-two years of remaining life in 1999, and are now leaking and growing mold in wet insulation. Two computers and a $10,000 machine were damaged beyond repair from roof leaks. Central Lakes received $1.55 million in FY 2000 HEAPR funding to repair the roof at Staples.
- At South Central Technical College, leaking water damaged the computer network system equipment.
- Bemidji State University has had their 0-1 year roofs listed in that category for five years, and they are leaking.
- Well over half the roofs on this list are already leaking, especially the 19 roofs that were not funded in FY 2000.

PROJECT CONTACT PERSON, TITLE, ADDRESS, PHONE, FAX, AND E-MAIL:

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Dollars in Thousands ($137,500 = $138)

TOTAL PROJECT COSTS All Years and All Funding Sources	Project Costs All Prior Years	Project Costs FY 2002-03	Project Costs FY 2004-05	Project Costs FY 2006-07	Project Costs All Years	Project Start (Month/Year)	Project Finish (Month/Year)
1. Property Acquisition							
Land, Land Easements, Options	$0	$0	$0	$0	$0		
Land and Buildings	0	0	0	0	0		
2. Predesign Fees	0	0	0	0	0		
3. Design Fees							
Schematic	0	0	0	0	0		
Design Development	420	1,528	0	0	1,948	07/2002	09/2002
Contract Documents	180	600	0	0	780	09/2002	10/2002
Construction Administration	0	0	0	0	0		
4. Project Management						09/2002	12/2004
State Staff Project Management	0	0	0	0	0		
Non-State Project Management	0	0	0	0	0		
Commissioning	0	0	0	0	0		
Other Costs	0	1,500	0	0	1,500		
5. Construction Costs						10/2002	12/2004
Site & Building Preparation	0	0	0	0	0		
Demolition/Decommissioning	0	2,000	0	0	2,000		
Construction	11,500	27,636	30,000	25,000	94,136		
Infrastructure/Roads/Utilities	0	0	0	0	0		
Hazardous Material Abatement	0	0	0	0	0		
Construction Contingency	0	0	0	0	0		
Other Costs	0	0	0	0	0		
6. One Percent for Art	0	0	0	0	0		
7. Relocation Expenses	0	0	0	0	0		
8. Occupancy							
Furniture, Fixtures and Equipment	0	0	0	0	0		
Telecommunications (voice & data)	0	0	0	0	0		
Security Equipment	0	0	0	0	0		
Other Costs	0	0	0	0	0		
SUBTOTAL: (items 1 – 8)	12,100	33,264	30,000	25,000	100,364		
9. Inflation							
Midpoint of Construction							
Inflation Multiplier		0.00%	0.00%	0.00%			
Inflation Cost		0	0	0	0		
GRAND TOTAL	$12,100	$33,264	$30,000	$25,000	$100,364		

Dollars in Thousands ($137,500 = $138)

CAPITAL FUNDING SOURCES	Prior Years	FY 2002-03	FY 2004-05	FY 2006-07	TOTAL
State Funds :					
G.O Bonds/State Bldgs	12,100	33,264	30,000	25,000	100,364
State Funds Subtotal	12,100	33,264	30,000	25,000	100,364
Agency Operating Budget Funds	0	0	0	0	0
Federal Funds	0	0	0	0	0
Local Government Funds	0	0	0	0	0
Private Funds	0	0	0	0	0
Other	0	0	0	0	0
TOTAL	**12,100**	**33,264**	**30,000**	**25,000**	**100,364**

CHANGES IN STATE OPERATING COSTS	Changes in State Operating Costs (Without Inflation)			
	FY 2002-03	FY 2004-05	FY 2006-07	FY 2008-09
Compensation -- Program and Building Operation	0	0	0	0
Other Program Related Expenses	0	0	0	0
Building Operating Expenses	0	0	0	0
Building Repair and Replacement Expenses	0	0	0	0
State-Owned Lease Expenses	0	0	0	0
Nonstate-Owned Lease Expenses	0	0	0	0
Expenditure Subtotal	0	0	0	0
Revenue Offsets	0	0	0	0
Other Offsets	<750>	<1,501>	<1,501>	<1,501>
TOTAL CHANGES	<750>	<1,501>	<1,501>	<1,501>
Change in F.T.E. Personnel	0.0	0.0	0.0	0.0

PREVIOUS STATE CAPITAL APPROPRIATIONS FOR THIS PROJECT (Legal Citations) Laws of Minnesota (year), Chapter, Section, Subdivision	Amount
Laws of Minn 2000, Chap 492, Art I, Sec 3, Subd 2, HEAPR	12,100
TOTAL	**12,100**

SOURCE OF FUNDS FOR DEBT SERVICE PAYMENTS (for bond-financed projects only)	Amount	Percent of Total
General Fund	33,264	100.0%
User Financing	0	0.0%

STATUTORY AND OTHER REQUIREMENTS Project applicants should be aware that the following requirements will apply to their projects after adoption of the bonding bill.	
No	MS 16B.335 (1a): Construction/Major Remodeling Review (by Legislature)
Yes	MS 16B.335 (1b): Project Exempt From This Review (by Legislature)
No	MS 16B.335 (2): Other Projects (require legislative notification)
Yes	MS 16B.335 (3): Predesign Review Required (by Administration Dept)
Yes	MS 16B.335 (4): Energy Conservation Requirements
Yes	MS 16B.335 (5): Information Technology Review (by Office of Technology)
Yes	MS 16A.695: Public Ownership Required (as per Finance Dept.)
No	MS 16A.695: Use Agreement Required (as per Finance Dept)
No	MS 16A.695: Program Funding Review Required (by granting agency)
No	Matching Funds Required (as per agency request)
Yes	Project Cancellation in 2007 (as per Finance Dept)

Department of Administration Analysis:

Admin policy is to support the appropriation of funds for asset preservation as a means of ensuring appropriate stewardship of current state owned facilities.

This is an excellent "snapshot" of a very critical and costly element of facility budgets. This excellent overview lists the critical facilities, includes life safety overtones and ties it into operating costs.

Department of Finance Analysis:

In June 1998 the MnSCU Board adopted seven principles that were to guide their capital budget development process. These principles led to a four-point order of priority for the 2002-03 capital program: 1) Life Safety and Asset Preservation 2) Program Enhancement 3) Facility Revitalization Replacement, and 4) Cooperative Ventures.

The MNSCU System has established a scoring system, similar to DOFs scoring system, to review and score each capital request. Up to 360 points are possible. These scores should reflect the degree to which the project meets the principles and order of priorities. Projects were grouped into tiers (i.e. every project with more than 200 points was put in the first tier).

The strategic planning summary also notes the five criteria established by the legislature in the past bonding bill for prioritizing higher education bonding requests.

As of 12-27-01, according to the Minnesota Accounting and Procurement System (MAPS), MnSCU has spent $22,595,059 of their $30,000,000 HEAPR appropriation in 2000. At this time, $7,404,941 remains unobligated in the state's accounting system. Additionally, $523,651 remains unobligated from the $43,000,000 HEAPR appropriation in 1998.

MnSCU has broken up their HEAPR request into 3 separate requests, and called each of them their #1 priority. Together they cover the three kinds of projects which HEAPR has traditionally been used for.

Governor's Recommendation:

The Governor recommends general obligation bonding of $35 million for HEAPR, HEAPR Roof Repair and Replacement, and HEAPR Mechanical and Electrical, as part of his statewide asset preservation and facility repair initiative. Also included are budget planning estimates of $35 million in 2004 and $35 million in 2006.

STATEWIDE STRATEGIC SCORE		
Criteria	**Values**	**Points**
Critical Life Safety Emergency - Existing Hazards	0/700	0
Critical Legal Liability - Existing Liability	0/700	0
Prior Binding Commitment	0/700	0
Strategic Linkage - Agency Six Year Plan	0/40/80/120	120
Safety/Code Concerns	0/35/70/105	70
Customer Service/Statewide Significance	0/35/70/105	70
Agency Priority	0/25/50/75/100	100
User and Non-State Financing	0-100	0
State Asset Management	0/20/40/60	60
State Operating Savings or Operating Efficiencies	0/20/40/60	0
Contained in State Six-Year Planning Estimates	0/25/50	50
Total	700 Maximum	470

To encourage rapid expenditure of these capital funds for immediate economic stimulus, the Governor recommends a sunset date of 6-30-2004 for the 2002 appropriation. Any portion of these funds not spent or encumbered by that date should be cancelled.

2002 STATE APPROPRIATION REQUEST: $30,851,000

AGENCY PROJECT PRIORITY: 1 of 28

PROJECT LOCATION: Systemwide

PROJECT DESCRIPTION AND RATIONALE:

Provide funding to replace major mechanical (HVAC) and/or electrical systems as specified in M.S. 135A.046. Some projects will create centralized boiler or chiller plants to increase operating efficiency. MnSCU owns approximately one-third of the total square footage of buildings in the state of Minnesota at 19.3 million sq. ft., excluding state university revenue fund buildings.

PROJECT RATIONALE AND RELATIONSHIP TO AGENCY LONG RANGE STRATEGIC PLAN AND CAPITAL PLAN:

MnSCU Strategic Plan:

The Board of Trustees established Strategic Facilities Principles in 1998 that have guided MnSCUs capital program since that time. This project meets MnSCUs strategic facilities principles to:

- Focus on preservation and renewal to protect the state's investment in our facilities,
- Consider environmental impacts, energy conservation, operation and maintenance costs and personnel requirements in context with existing campus resources, and
- Maximize functionality of the facility to accommodate current and future academic programs.

The board has placed its top priority on preserving the existing building inventory. The need to keep students and faculty warm and dry in Minnesota's northern climate is a primary concern. Next to maintaining the integrity of the roofs and building exterior, maintaining warmth and good, safe air quality for students and faculty is paramount. MnSCU has placed its highest priority keeping students and faculty dry and warm, and on the safety and quality of air circulating in our classrooms. Our students deserve adequate learning facilities. The state's investment in higher education must be preserved.

Facilities Assessment:

In 1998 and 1999, MnSCU engaged in a study to ensure that campuses have effective facilities management system in place, with emphasis on facilities care and utilization, budgeting and cost accountability. The Facility Condition Assessment identified $155.2 million in immediate heating, ventilation, cooling, and other mechanical issues. The report states that the major mechanical issues identified include the replacement of boilers and chillers that have exceeded their expected life cycles, repair and replacement of steam and heating hot water distribution systems, and the upgrade and calibration of control systems. They also identified $36.1 million in electrical systems issues, primarily with aged and inefficient primary service switch gear and distribution systems, outdated lighting fixtures, and inadequate electrical capacity to meet current educational needs. This should be considered a snapshot in time of all mechanical system issues within MnSCU.

Many of MnSCUs buildings were constructed in the 1960s and 1970s and mechanical systems traditionally have a life expectancy of 30 to 35 years. Most of these systems on our campuses have exceeded their designed life expectancy, and the campus maintenance personnel are doing an excellent job of patching to get just a little more heat or cooling out of them. This is not only labor intensive, but equipment can only work for just so long before the systems *must* be replaced.

Enrollment and Space Utilization:

	Actual FYE 1995	Actual FYE 2000	Projected FYE 2001	Projected FYE 2002
2-year	68,246	66,330	69,474	71,035
4-year	47,517	47,869	51,086	52,338
Total	115,763	114,199	120,560	123,373

Project Rationale and Predesign:

This request will cover the following major mechanical and/or electrical systems replacements over $1 million within MnSCU:

Bemidji SU: Add a second electrical distribution loop to serve the north end of the campus, and replace conductors with new, larger ones. Complete some unforeseen issues in the renovation of the south loop (funded in FY 2000 HEAPR). The project will also add a code mandated second means of egress from the switching station. Currently a relatively small conductor on a single loop serves both ends of the campus. The current electrical loads are at capacity, and load is anticipated to grow substantially when two new buildings funded in FY 2000 come on line. BSU has design completed through construction bid documents, and is ready to proceed.

Century C&TC: Construct a centralized chiller plant to serve both the east and west campuses, replace the chillers and associated piping equipment. This will also design for a centralized heating plant that will be requested in FY 2004. Following merger in 1995, the former Lakewood Community College and the former 916 Vo-Tech were combined into the current Century Community & Technical College. Each campus had its own heating and cooling plants. The boilers and chillers are

original equipment in both facilities, and both facilities are now 31 and 32 years old respectively. HVAC systems typically have a useful life expectancy of 30 years. One of the west campus chillers is inoperable and has been taken off line. The remaining chiller cannot handle the capacity. In addition, it uses R-11 freon, that is being phased out by law. Century has preliminary engineering completed and has committed to completing final design by March.

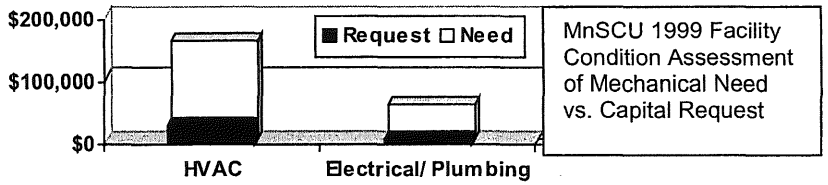
Dakota TC: Correct water intrusion problems along the north wall, including structural wall improvements, tuckpointing and window replacement. Proper air quality is impossible to maintain when water is penetrating the building and entering the ventilation system. Dakota County Technical College has predesign completed, and is in the process of completing final design and construction bid documents.

Hennepin TC: Replace the cooling system, including cooling tower at both campuses. When all phases are completed, an energy management system will be fully integrated. All heating and cooling equipment is original to the building, which is now 29 years old, and has reached the end of its useful life. The MnSCU facility condition assessment undertaken in 1998 identified $5.8 million in deferred maintenance in the heating and cooling systems at both campuses. Preliminary engineering is completed.

Inver Hills CC: Construct a new central cooling plant adjoining the mechanical room in the Instructional Building to serve the campus on a loop. Project would include: new chillers, cooling tower, pumps, and electrical service upgrade. Existing mechanical equipment will be removed. The campus is currently cooled by two direct expansion air cooled chillers and nine air cooled condensing units located in four separate buildings on campus, which would all be replaced. Preliminary engineering is completed, and Inver Hills has committed to completing final design by March.

Minneapolis C&TC: Phase 1 project to replace existing cooling towers and chillers in the central heating plant that are long past their useful life. Two outmoded chillers will be replaced. This project will be in conjunction with a previously funded construction project currently underway to provide a closed loop piping system to service the entire campus. When a future Phase 2 is completed, three boilers will also be replaced, and the emergency electrical system will be upgraded to operate at code mandated levels. Preliminary engineering is completed and Minneapolis has committed to completing final design through construction bid documents by March.

MSU Mankato: Renovate boiler #4. Boilers #1, #2 and #3 were overhauled in 1990 and 1991. Also, replace HVAC system in Nelson Hall and Nelson Hall Addition. Boiler #4 was decommissioned in 1996 due to leakage of combustion gas through its outer casing and lack of funds for repair. Prior to decommissioning, several of the boiler tubes within the combustion chamber had failed and were welded shut. With boiler #4 off-line, there is no back-up for boiler #3. Boilers #1 and #2 combined can produce only 85% of the required steam for the peak load. The project will include replacing breeching, flash tanks, feed pumps, exhaust fans, and new digital controls. Preliminary engineering is completed.



North Hennepin CC: Addition of one more single boiler to the campus heating plant, and expansion of chiller capacity by 550 tons, fire protection service, and automated controls. There have been three additions/remodelings on the campus over the past 10 years, and heating and cooling capacity for the campus have been surpassed. This project will meet full campus heat demand. Cable trays will be pulled through the utility tunnels to improve voice and data access to classrooms throughout the campus. Upon completion of the installation, unused existing piping will be removed from the tunnels, improving efficiency and maintainability. Preliminary engineering is completed.

Riverland C&TC: Replacement or repair of elements of the HVAC system including boilers, ventilation system, air handling units, duct work, hot water supply lines, and humidity controls. This project will correct high humidity and mold problems in the east building HVAC. An Indoor Environmental Quality study was completed by DOER's Industrial Hygiene Unit and has identified isolated mold growth on wall surfaces and floor finishes that is a potential life safety issue. Preliminary engineering and an air quality study by the Health Department are completed.

Southwest SU: Design, construct and equip a new centralized cooling plant for the Southwest SU campus. Provide distributed chilled air from the central plant to Fine Arts in Phase 1 of a planned campuswide chiller loop project. Currently the campus has chillers on each building. The 1968 original chiller in Fine Arts developed a freon leak this past fall, and is in danger of failing. This chiller uses R11 freon that is no longer available and is being phased out by law. Southwest proposes constructing a new cooling plant addition to provide a campuswide interconnected cooling loop to take advantage of economies of scale. Less overall capacity can effectively cool more buildings in a loop, at less operating cost. Preliminary engineering is completed.

St. Cloud SU: Replace the balance of the electrical distribution system on campus. This would include replacing the primary transformer, and converting primary electrical distribution to 12,470 Volt. The original primary transformer for the St.

Cloud State campus failed and is not in operation. A temporary transformer was installed outside, but it is undersized, and leads to power failures. The electrical panels are old and obsolete. Some panels are inacccessible. The existing primary electrical distribution is 4,160 Volt, and the local electric utility will discontinue supplying power at that voltage. Preliminary engineering is completed and final design is underway, with construction bid documents expected to be completed by February.

Winona SU: Replace the ventilation system in Phelps Hall. The existing system is outdated and does not meet air quality standards. Phelps Hall, built in 1916 is still served by its original steam cast iron radiation heating system, which long ago passed its useful life. Now replacement parts cannot be found. Phelps Hall will be placed on the heating loop. The ventilation system in the basement is also antiquated and inadequate. Its working parts are also obsolete and cannot be replaced. Because of past remodelings, many classrooms and offices have no ventilation at all.

IMPACT ON STATE AGENCY OPERATING BUDGETS (FACILITIES NOTE):

Two expansion projects will increase the operating budget marginally. Upgrades to more energy-efficient mechanical systems, or to systems on loops that create efficiencies from sharing the mechanical system will lead to $356,270 in savings per year in operating costs.

OTHER CONSIDERATIONS:

Seven of these major mechanical projects are in the process of completing final design and will be prepared to advertise for construction bids by sometime in April 2002: Century College, Bemidji State University (electrical distribution project), Inver Hills Community College, Minneapolis Community & Technical College, St. Cloud State University, Hennepin Technical College, and Dakota County Technical College.

One additional project would be prepared to begin construction by September of 2002 if an early economic recovery stimulus capital improvement appropriation were made in April of 2002: Riverland Community & Technical College.

PROJECT CONTACT PERSON, TITLE, ADDRESS, PHONE, FAX, AND E-MAIL:

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Minnesota State Colleges and Universities
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Dollars in Thousands ($137,500 = $138)

TOTAL PROJECT COSTS All Years and All Funding Sources	Project Costs All Prior Years	Project Costs FY 2002-03	Project Costs FY 2004-05	Project Costs FY 2006-07	Project Costs All Years	Project Start (Month/Year)	Project Finish (Month/Year)
1. Property Acquisition							
Land, Land Easements, Options	$0	$0	$0	$0	$0		
Land and Buildings	0	0	0	0	0		
2. Predesign Fees	90	0	0	0	90	04/2001	04/2002
3. Design Fees							
Schematic	0	200	0	0	200	07/2002	09/2002
Design Development	0	0	0	0	0		
Contract Documents	0	400	0	0	400	09/2002	10/2002
Construction Administration	0	0	0	0	0		
4. Project Management						10/2002	12/2004
State Staff Project Management	0	0	0	0	0		
Non-State Project Management	0	200	0	0	200		
Commissioning	0	0	0	0	0		
Other Costs	0	0	0	0	0		
5. Construction Costs						10/2002	12/2004
Site & Building Preparation	0	0	0	0	0		
Demolition/Decommissioning	0	0	0	0	0		
Construction	11,050	30,051	30,000	30,000	101,101		
Infrastructure/Roads/Utilities	0	0	0	0	0		
Hazardous Material Abatement	0	0	0	0	0		
Construction Contingency	0	0	0	0	0		
Other Costs	0	0	0	0	0		
6. One Percent for Art	0	0	0	0	0		
7. Relocation Expenses	0	0	0	0	0		
8. Occupancy							
Furniture, Fixtures and Equipment	0	0	0	0	0		
Telecommunications (voice & data)	0	0	0	0	0		
Security Equipment	0	0	0	0	0		
Other Costs	0	0	0	0	0		
SUBTOTAL: (items 1 – 8)	11,140	30,851	30,000	30,000	101,991		
9. Inflation							
Midpoint of Construction							
Inflation Multiplier		0.00%	0.00%	0.00%			
Inflation Cost		0	0	0	0		
GRAND TOTAL	$11,140	$30,851	$30,000	$30,000	$101,991		

Dollars in Thousands ($137,500 = $138)

CAPITAL FUNDING SOURCES	Prior Years	FY 2002-03	FY 2004-05	FY 2006-07	TOTAL
State Funds :					
G.O Bonds/State Bldgs	11,050	30,851	30,000	30,000	101,901
State Funds Subtotal	11,050	30,851	30,000	30,000	101,901
Agency Operating Budget Funds	90	0	0	0	90
Federal Funds	0	0	0	0	0
Local Government Funds	0	0	0	0	0
Private Funds	0	0	0	0	0
Other	0	0	0	0	0
TOTAL	**11,140**	**30,851**	**30,000**	**30,000**	**101,991**

CHANGES IN STATE OPERATING COSTS	Changes in State Operating Costs (Without Inflation)			
	FY 2002-03	FY 2004-05	FY 2006-07	FY 2008-09
Compensation -- Program and Building Operation	0	0	0	0
Other Program Related Expenses	0	0	0	0
Building Operating Expenses	0	36	36	36
Building Repair and Replacement Expenses	0	0	0	0
State-Owned Lease Expenses	0	0	0	0
Nonstate-Owned Lease Expenses	0	0	0	0
Expenditure Subtotal	0	36	36	36
Revenue Offsets	0	0	0	0
Other Offsets	<20>	<749>	<749>	<749>
TOTAL CHANGES	<20>	<713>	<713>	<713>
Change in F.T.E. Personnel	0.0	0.0	0.0	0.0

PREVIOUS STATE CAPITAL APPROPRIATIONS FOR THIS PROJECT (Legal Citations) Laws of Minnesota (year), Chapter, Section, Subdivision	Amount
Laws of Minn 2000, Chap 492, Art I, Sec 3, subd 2, HEAPR	11,050
TOTAL	**11,050**

SOURCE OF FUNDS FOR DEBT SERVICE PAYMENTS (for bond-financed projects only)	Amount	Percent of Total
General Fund	30,851	100.0%
User Financing	0	0.0%

STATUTORY AND OTHER REQUIREMENTS Project applicants should be aware that the following requirements will apply to their projects after adoption of the bonding bill.	
Yes	MS 16B.335 (1a): Construction/Major Remodeling Review (by Legislature)
No	MS 16B.335 (1b): Project Exempt From This Review (by Legislature)
No	MS 16B.335 (2): Other Projects (require legislative notification)
Yes	MS 16B.335 (3): Predesign Review Required (by Administration Dept)
Yes	MS 16B.335 (4): Energy Conservation Requirements
Yes	MS 16B.335 (5): Information Technology Review (by Office of Technology)
Yes	MS 16A.695: Public Ownership Required (as per Finance Dept.)
No	MS 16A.695: Use Agreement Required (as per Finance Dept)
No	MS 16A.695: Program Funding Review Required (by granting agency)
No	Matching Funds Required (as per agency request)
Yes	Project Cancellation in 2007 (as per Finance Dept)

Department of Administration Analysis:

Admin policy is to support the appropriation of funds for asset preservation as a means of ensuring appropriate stewardship of current state owned facilities.

Department of Finance Analysis:

In June 1998 the MnSCU Board adopted seven principles that were to guide their capital budget development process. These principles led to a four-point order of priority from the 2002-03 capital program: 1) Life Safety and Asset Preservation 2) Program Enhancement 3) Facility Revitalization Replacement, and 4) Cooperative Ventures.

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Governor's Recommendation:

The Governor recommends general obligation bonding of $35 million for HEAPR, HEAPR Roof Repair and Replacement, and HEAPR Mechanical and Electrical, as part of his statewide asset preservation and facility repair initiative. Also included are budget planning estimates of $35 million in 2004 and $35 million in 2006.

To encourage rapid expenditure of these capital funds for immediate economic stimulus, the Governor recommends a sunset date of 6-30-2004 for the 2002 appropriation. Any portion of these funds not spent or encumbered by that date should be cancelled.

STATEWIDE STRATEGIC SCORE		
Criteria	**Values**	**Points**
Critical Life Safety Emergency - Existing Hazards	0/700	0
Critical Legal Liability - Existing Liability	0/700	0
Prior Binding Commitment	0/700	0
Strategic Linkage - Agency Six Year Plan	0/40/80/120	120
Safety/Code Concerns	0/35/70/105	70
Customer Service/Statewide Significance	0/35/70/105	70
Agency Priority	0/25/50/75/100	100
User and Non-State Financing	0-100	0
State Asset Management	0/20/40/60	60
State Operating Savings or Operating Efficiencies	0/20/40/60	0
Contained in State Six-Year Planning Estimates	0/25/50	50
Total	700 Maximum	470

2002 STATE APPROPRIATION REQUEST: $9,900,000

AGENCY PROJECT PRIORITY: 2 of 28

PROJECT LOCATION: Normandale Community College

PROJECT DESCRIPTION AND RATIONALE:

Remodel, furnish and equip 61,254 GSF of the existing Science facility at Normandale Community College as Phase 2, which will complete the Science Building. In Phase 1, presently under construction, the new Science lab facility is being built.

Phase 2 will remodel the old vacated laboratories to accommodate Physics, Geology, Earth Science, Anthropology, Geography, and Mechanical and Vacuum Technology.

PROJECT RATIONALE AND RELATIONSHIP TO AGENCY LONG-RANGE STRATEGIC PLAN AND CAPITAL PLAN:

MnSCU Strategic Plan:

This project ties directly to MnSCUs Strategic Goals, student success and institutional quality and excellence.

- *Student Success* - The college must have adequate teaching facilities to insure that students achieve at a level that prepares them to perform in the classroom and in the workplace. The current space was designed for teaching sciences in the 70s and 80s. It is essential that teaching space in the science and science technology improve to meet the new millennium and beyond.

- *Institutional Quality and Excellence* - Normandale students need access to state-of-the-art facilities so that they can be employed or transfer to a four-year institution with a quality lower-division science curriculum that satisfies associate degree, transfer and career program requirements.

Metro Alliance Plan:

Normandale and Hennepin Technical College are the only post-secondary institutions serving the southwest metropolitan area. Program cooperation and alignment has been accomplished between these institutions. In order to meet the new requirements of the future, such as providing general education within the technical college curriculum and offering upper division science courses for state universities on this site, adequate and well-equipped space must be available.

The renovated science building will provide flexibility to respond to the needs of students, business, industry, and the communities we serve.

Normandale Community College Master Plan:

Normandale's Master Academic and Facilities Plan, which was adopted by the Board of Trustees in 1998, supports this project. This project is in support of the seven strategic goals of Normandale Community College:

1. Teaching and Learning
2. Enrollment
3. Access
4. Research
5. Diversity
6. External Resources
7. Shared focus

This project is specifically identified as part of the long-range capital improvement plan in the Normandale Community College master plan.

Rationale and Predesign:

This is Phase 2 of a two-phase science building project:

- Phase 2 will remodel and equip 61,254 GSF of existing science building at Normandale Community College that was built in two phases in 1968 and 1975, respectively. Academic programs affected by this renovation will be Physics, Geology, Earth Science, Anthropology, Geography, Mechanical and Vacuum Technology. The renovation will also improve and add general instructional classroom space and faculty offices.

- These spaces will be renovated to the standards required to use technology effectively and to meet current space shortages.

- The renovation phase of the existing science building was not funded in the 2000 Capital request. Phase 2 is necessary so that spaces that were occupied by Biology, Chemistry, and Health Science can be renovated to make useable for the other Natural Science programs. Biology, Chemistry, and Health Sciences are moving into new spaces in the phase 1 science project.

- The project will bring Normandale Community College Science facilities into compliance with safety codes and accessibility standards. It will resolve asbestos abatement and other life-safety problems.

- The Science Building has not been updated since 1975. The project will ensure that the college is positioned to accommodate the career goals of students in new teaching methodology.

- Demographic studies of the southwest metro area show steadily increasing numbers of high school graduates and a growing pool of working adults who are seeking a college education.

- Phase 1 of this project is under construction and scheduled for completion in August 2002. The Phase 1, new addition, will be attached to the existing Science Building and will share an existing common hallway and stairwells.

Predesign was completed at the same time as the Phase 1 predesign with a 1998 legislative appropriation. The predesign has been approved by MnSCU and DOA. The design was funded by the legislature in 1998, and Phase 1 construction was funded. The legislature separated out and funded Phase 1 construction with a 2000 appropriation, with this remodeling identified as Phase 2.

Enrollment and Space Utilization:

The college has grown in enrollment from 1,386 headcount in 1968 to over 8,000 headcount in 2000, using the same Science facility.

Normandale	FY 1998	FY 2001	FY 2002
FYE	4,525	4,864	5,080 (Projected)

The MnSCU space utilization study indicated a projected deficit of 27% for teaching laboratories at Normandale Community College, and an overall projected campus deficit of 31%. The study also indicated that Normandale Community College is 30% deficient in its open lab capabilities.

IMPACT ON STATE AGENCY OPERATING BUDGETS (FACILITIES NOTE):

Phase 2 of the science building project will add $7,000 in increased costs due to air quality improvements in the renovated laboratories. There is no new square footage, and no need for additional staff.

OTHER CONSIDERATIONS:

- The Master Plan at Normandale integrates construction phases into a coherent, efficient and user-friendly campus. All buildings are linked together around a center courtyard which makes access for all students manageable and comfortable in all types of weather conditions. The proposed Science addition and remodeling conforms to the Master Plan objective.

- Phases 1 and 2 (if funded as requested) will resolve deferred maintenance projects identified in the 1999 Facilities Condition Assessment totaling $958. Most of the items corrected by this construction will be building envelope and HVAC problems.

- Scheduling classes during any construction or remodeling is a major consideration. The construction of an addition allowed the continuing use of the existing Science labs during Phase 1. Once Biology, Chemistry and Health Sciences move into the new Phase 1 space, remodeling must begin in a Phase 2 project.

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Dollars in Thousands ($137,500 = $138)

TOTAL PROJECT COSTS All Years and All Funding Sources	Project Costs All Prior Years	Project Costs FY 2002-03	Project Costs FY 2004-05	Project Costs FY 2006-07	Project Costs All Years	Project Start (Month/Year)	Project Finish (Month/Year)
1. Property Acquisition							
Land, Land Easements, Options	$0	$0	$0	$0	$0		
Land and Buildings	0	0	0	0	0		
2. Predesign Fees	138	0	0	0	138	10/1998	06/1999
3. Design Fees							
Schematic	232	0	0	0	232	09/1999	01/2000
Design Development	173	125	0	0	298	06/2000	10/2000
Contract Documents	345	94	0	0	439	04/2002	06/2002
Construction Administration	215	135	0	0	350	11/2000	12/2003
4. Project Management						05/2001	09/2004
State Staff Project Management	0	0	0	0	0		
Non-State Project Management	158	175	0	0	333		
Commissioning	15	118	0	0	133		
Other Costs	0	0	0	0	0		
5. Construction Costs						06/2003	09/2004
Site & Building Preparation	587	41	0	0	628		
Demolition/Decommissioning	0	100	0	0	100		
Construction	8,337	5,896	0	0	14,233		
Infrastructure/Roads/Utilities	185	100	0	0	285		
Hazardous Material Abatement	82	500	0	0	582		
Construction Contingency	233	504	0	0	737		
Other Costs	0	0	0	0	0		
6. One Percent for Art	83	59	0	0	142		
7. Relocation Expenses	0	0	0	0	0		
8. Occupancy						01/2004	09/2004
Furniture, Fixtures and Equipment	560	731	0	0	1,291		
Telecommunications (voice & data)	222	295	0	0	517		
Security Equipment	75	86	0	0	161		
Other Costs	0	0	0	0	0		
SUBTOTAL: (items 1 – 8)	11,640	8,959	0	0	20,599		
9. Inflation							
Midpoint of Construction		01/2004					
Inflation Multiplier		10.50%	0.00%	0.00%			
Inflation Cost		941	0	0	941		
GRAND TOTAL	$11,640	$9,900	$0	$0	$21,540		

Dollars in Thousands ($137,500 = $138)

CAPITAL FUNDING SOURCES	Prior Years	FY 2002-03	FY 2004-05	FY 2006-07	TOTAL
State Funds :					
G.O Bonds/State Bldgs	11,640	9,900	0	0	21,540
State Funds Subtotal	11,640	9,900	0	0	21,540
Agency Operating Budget Funds	0	0	0	0	0
Federal Funds	0	0	0	0	0
Local Government Funds	0	0	0	0	0
Private Funds	0	0	0	0	0
Other	0	0	0	0	0
TOTAL	**11,640**	**9,900**	**0**	**0**	**21,540**

CHANGES IN STATE OPERATING COSTS	Changes in State Operating Costs (Without Inflation)			
	FY 2002-03	FY 2004-05	FY 2006-07	FY 2008-09
Compensation -- Program and Building Operation	0	0	0	0
Other Program Related Expenses	0	0	0	0
Building Operating Expenses	0	14	14	14
Building Repair and Replacement Expenses	0	0	0	0
State-Owned Lease Expenses	0	0	0	0
Nonstate-Owned Lease Expenses	0	0	0	0
Expenditure Subtotal	0	14	14	14
Revenue Offsets	0	0	0	0
TOTAL CHANGES	0	14	14	14
Change in F.T.E. Personnel	0.0	0.0	0.0	0.0

PREVIOUS STATE CAPITAL APPROPRIATIONS FOR THIS PROJECT (Legal Citations) Laws of Minnesota (year), Chapter, Section, Subdivision	Amount
Laws of Minn 2000, Chap 492, Art I, Sec 3, subd 12, Science Addition	11,400
Laws of Minn 1998, Chap 404, Sec 3, subd 14, Design Science Addition	240
TOTAL	**11,640**

SOURCE OF FUNDS FOR DEBT SERVICE PAYMENTS (for bond-financed projects only)	Amount	Percent of Total
General Fund	6,633	67.0%
User Financing	3,267	33.0%

STATUTORY AND OTHER REQUIREMENTS
Project applicants should be aware that the following requirements will apply to their projects after adoption of the bonding bill.

Yes	MS 16B.335 (1a): Construction/Major Remodeling Review (by Legislature)
No	MS 16B.335 (1b): Project Exempt From This Review (by Legislature)
No	MS 16B.335 (2): Other Projects (require legislative notification)
Yes	MS 16B.335 (3): Predesign Review Required (by Administration Dept)
Yes	MS 16B.335 (4): Energy Conservation Requirements
Yes	MS 16B.335 (5): Information Technology Review (by Office of Technology)
Yes	MS 16A.695: Public Ownership Required (as per Finance Dept.)
No	MS 16A.695: Use Agreement Required (as per Finance Dept)
No	MS 16A.695: Program Funding Review Required (by granting agency)
Yes	Matching Funds Required (as per agency request)
Yes	Project Cancellation in 2007 (as per Finance Dept)

Department of Administration Analysis:

The Strategic Planning and Systemwide presentations are concise and in complete compliance with the agencies long-range format with a programmed balance.

The premise of MnSCU to emphasize community, enrollment and science into their requests is paramount. By utilizing a balance of requested bonded monies with asset preservation and operating funds to modify existing facilities to meet long-range goals speaks highly of the thought placed in preparation of this request.

The estimate is $162/SF for the $9.9 million project is above the targeted limit, but is justified because of science equipment, infrastructure, and phased occupancy.

Department of Finance Analysis:

This project is in the first tier of projects in MnSCU's scoring system.

This renovation will accommodate the Physics, Geology, Earth Science, Anthropology, Geography, and Mechanical and Vacuum Technology programs. These programs are not typically thought of as high demand, workforce-oriented programs.

Although the narrative states that this project "will not add to the operating costs", a very small increase is quantified. The Phase 2 remodeling will reduce Normandale's deferred maintenance budget by $600,000.

As of September 2001, construction on Phase 1 had not yet begun, though site preparation had been initiated. This would be at least four months behind the schedule planned for in the FY 2000 capital budget request. Construction is expected to take 12-16 months. Design documents had not been approved by MnSCU as of November 15. Construction on Phase 2 cannot begin until Phase 1 is completed, spring of 2003 at the earliest.

Normandale's enrollment in FY 2002, as of October 2001, was up 11.7% from actual enrollment in FY 2000, significantly more than the system average of 7.9%. Additionally, their financial reserves at the end of 2001 were 5.7% of previous year's operating revenue, higher than the average for other MnSCU community colleges and the MnSCU system overall.

The 2001 MnSCU Space Utilization Study show Normandale with a 15% space deficit.

STATEWIDE STRATEGIC SCORE		
Criteria	**Values**	**Points**
Critical Life Safety Emergency - Existing Hazards	0/700	0
Critical Legal Liability - Existing Liability	0/700	0
Prior Binding Commitment	0/700	0
Strategic Linkage - Agency Six Year Plan	0/40/80/120	80
Safety/Code Concerns	0/35/70/105	35
Customer Service/Statewide Significance	0/35/70/105	35
Agency Priority	0/25/50/75/100	100
User and Non-State Financing	0-100	33
State Asset Management	0/20/40/60	20
State Operating Savings or Operating Efficiencies	0/20/40/60	0
Contained in State Six-Year Planning Estimates	0/25/50	50
Total	700 Maximum	353

Governor's Recommendation:

The Governor recommends general obligation bonding of $9.9 million for this project, contingent upon a one-third debt service payment by MnSCU.

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2002 STATE APPROPRIATION REQUEST: $9,000,000

AGENCY PROJECT PRIORITY: 3 of 28

PROJECT LOCATION: Minneapolis Community & Technical College

PROJECT DESCRIPTION AND RATIONALE:

This is a two-part request to:

- Complete Phase 2 of a two-phase project request for the consolidation of the community college and technical college. The goal of the project is to reclaim and modernize 91,545 GSF in the Helland Center and the former Technical College building. This will provide a centralized location for student services, and will remodel space left vacant by relocation of the library (Phase 1). The Phase 2 remodeling will also integrate the student services functions of Metro State's Minneapolis campus, and co-locate Metro's evening courses and selected employees to MCTC. This will partially complete the co-location of the two MnSCU institutions.
- Design Phase 3, the remodeling of 27,000 GSF at Minneapolis Community and Technical College. This will complete the co-location of the two MnSCU institutions and eliminate the need for Metro State to lease property in downtown Minneapolis. Construction funds will be requested in FY 2004.
- Phase 1 was funded by the 2000 legislature, and construction will be completed as scheduled in fall of 2002.

PROJECT RATIONALE AND RELATIONSHIP TO AGENCY LONG RANGE STRATEGIC PLAN AND CAPITAL PLAN:

MnSCU Strategic Plan:
This project takes action to address MnSCUs strategic goals for:

- *Student Success* - Improving the ability to effectively provide services to students as spaces are reconfigured to match the new consolidated organizational model;
- *Institutional Excellence and Quality* - facilities and services will align to meet the career goals of students; and MCTC and Metro State University will integrate services that facilitate student success;
- *System Leadership* - offering a unique collaboration between MCTC and Metro State to provide a wide range of educational services that would not be feasible individually, and allows improved joint management of physical assets.

Minneapolis College Master Plan:
Finishing this project in order to integrate services is a cornerstone of MCTCs Master Academic and Facilities plans, which was completed in 1996. MCTC and Metro State are currently in the process of completing one integrated master plan.

Enrollment and Space Utilization:
College enrollment has increased annually since fall 1998 and is expected to continue to grow. Currently, approximately 9,500 students are served at MCTC (unduplicated head count).

FYE Enrollment	1999	2001	2002 Projected
Minneapolis C&TC	3,921	4,432	4,830
Metro State	3,314	3,681	3,850

The 2001 space utilization study commissioned by MnSCU indicates a current 20% and a projected 42% space deficit. The study also found MCTC has an 22% deficit of classroom space, 11% deficit of open laboratory space, and 44% deficit of physical plant maintenance space. The remodeling project will not add any square footage, but will make more efficient use of space by consolidating support offices into currently open areas, and by making more efficient use of existing circulation and public spaces. The remodeling will facilitate the sharing of support services spaces and personnel with Metro State.

Project Rationale and Predesign for Phase 2 Remodeling:

This project is the final step needed to complete the 1996 consolidation of the former Minneapolis Community College with the former Minneapolis Technical College. MCTC student services are currently scattered across the campus, located on different levels of various buildings, and in spaces that are generally substandard for a post-secondary educational facility. The remodeling project will provide centrally located, easily accessible student services center. The center will provide more efficient, modern, and attractive space for serving MCTs highly diverse student population, which includes many groups that are under-represented in higher education. It will also fully integrate the student services functions of Metro State University--Minneapolis with MCTC.

The remodeling will provide remodeled classroom and laboratory space for selected high-growth, technology-intensive career programs that have been neglected at MCTC in the past, such as the Film, Video and Media Production program.

The co-location of MCTC and Metro State's Minneapolis campus will create a new student-oriented institution of higher learning offering certificate, diploma, associate, baccalaureate and master's level programs on the MCTC campus. This will enable the institutions to provide a breadth of integrated educational programs at levels ranging from short-term certificates to master's degrees all at a single location in downtown Minneapolis.

Through co-location, MCTC and Metro State will be uniquely positioned to respond to the changing workforce development needs of the Twin Cities area using a seamless, career-ladder approach to higher education. The two schools have many complementary programs that will allow students to prepare for entry-level and

promotional positions in fields like business, computer information technology, health care, and teacher education. For example, students will be able to start by earning an associate's certificate in business management and continue on to complete a bachelor's degree in accounting or an MBA. Information technology students will be able to start with a Microsoft certificate program and go on to complete a bachelor's degree in computer science.

Another critical workforce need in the metropolitan area is the preparation of teachers. The co-located campus will host the teacher education programs of both schools enabling students to move from certificates in child development through degrees in urban teaching. The campus will also offer in-service programs for currently employed teachers.

Both institutions are working with health care employers to meet their need for skilled workers. Co-location will enable the schools to use career laddering to move students from short-term training for certified nursing assistants to licensed practical nurse, to associate, bachelors and master's degrees in nursing. The co-located campus will also provide continuing education to health care professionals.

The remodeling includes $4 million in asset preservation, and will remove about $2.6 million in deferred maintenance from MCTCs inventory in life safety and code compliance, HVAC, plumbing, and ADA issues.

Predesign for Phases 1 and 2 has been completed by the Cunningham Group and reviewed by MnSCU and Admin in 1998. An extensive Site Options study was completed in January of 1999. Schematic design for both phases was funded in 1988, completed, and approved by the Trustees in March 1999. Final design for Phase 2 is also complete, and the college is poised to prepare bid documents immediately and let contracts in calendar year 2002.

IMPACT ON STATE AGENCY OPERATING BUDGETS (FACILITIES NOTE):

The estimated costs for operation, maintenance and repair for the Phase 2 project will actually result in a slight reduction ($15,000) in MCTC annual operating costs as a result of using more energy efficient materials and equipment. There is no new square footage in this portion of the request; it is renovation and remodeling only.

Metro State will begin leasing space from MCTC for $295,000 per year in the 2004-05 biennia, increasing to $330,000 per year once Metro State has fully relocated to the MCTC campus. The difference between the lease of the bank building at $1.2 million per year, and lease of MCTC space at $330,000 per year will yield an operating cost savings of $870,000 per year.

OTHER CONSIDERATIONS:

Site Selection:
The Phase 2 project is a remodel only, so there are no site selection issues.

For the Metro State co-location design request, extensive studies of multiple site options have taken place over the past six years. In addition, extensive architectural and engineering studies were completed during predesign that established the practical feasibility of this project site. This co-location affords multiple opportunities for savings in both capital and operating costs over a stand-alone facility. For example, to better coordinate facilities usage, Metro SU and MCTC have already begun to share key executive administrators. Co-location would not only benefit leasing costs, but would also realize economies in personnel costs.

A state-owned facility will be a more cost-effective long-term approach for providing high quality educational opportunities for the west metro area. The current lease for the bank building used to provide classes for Metro is $1.2 million per year. The current leased facility was not constructed as an academic facility and thus limits university programs with special space needs such as science, fine arts, and larger classrooms and instructional laboratories.

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Dollars in Thousands ($137,500 = $138)

TOTAL PROJECT COSTS All Years and All Funding Sources	Project Costs All Prior Years	Project Costs FY 2002-03	Project Costs FY 2004-05	Project Costs FY 2006-07	Project Costs All Years	Project Start (Month/Year)	Project Finish (Month/Year)
1. Property Acquisition							
Land, Land Easements, Options	$0	$0	$0	$0	$0		
Land and Buildings	0	0	0	0	0		
2. Predesign Fees	183	0	0	0	183	06/1994	12/1997
3. Design Fees							
Schematic	490	90	0	0	580	09/1998	12/1998
Design Development	240	75	0	0	315	02/1999	08/1999
Contract Documents	589	280	0	0	869	06/2002	10/2002
Construction Administration	256	165	75	0	496	11/2002	12/2003
4. Project Management						07/2002	07/2004
State Staff Project Management	0	0	0	0	0		
Non-State Project Management	250	230	50	0	530		
Commissioning	80	75	45	0	200		
Other Costs	0	0	0	0	0		
5. Construction Costs						01/2003	07/2004
Site & Building Preparation	698	0	0	0	698		
Demolition/Decommissioning	100	135	45	0	280		
Construction	8,232	5,950	2,400	0	16,582		
Infrastructure/Roads/Utilities	0	25	0	0	25		
Hazardous Material Abatement	25	50	30	0	105		
Construction Contingency	525	379	168	0	1,072		
Other Costs	80	0	25	0	105		
6. One Percent for Art	82	60	24	0	166		
7. Relocation Expenses	0	0	0	0	0		
8. Occupancy						09/2003	07/2004
Furniture, Fixtures and Equipment	442	405	150	0	997		
Telecommunications (voice & data)	200	200	75	0	475		
Security Equipment	103	108	25	0	236		
Other Costs	0	0	0	0	0		
SUBTOTAL: (items 1 – 8)	12,575	8,227	3,112	0	23,914		
9. Inflation							
Midpoint of Construction		10/2003	05/2005				
Inflation Multiplier		9.40%	16.50%	0.00%			
Inflation Cost		773	513	0	1,286		
GRAND TOTAL	$12,575	$9,000	$3,625	$0	$25,200		

Dollars in Thousands ($137,500 = $138)

CAPITAL FUNDING SOURCES	Prior Years	FY 2002-03	FY 2004-05	FY 2006-07	TOTAL
State Funds :					
G.O Bonds/State Bldgs	12,575	9,000	3,625	0	25,200
State Funds Subtotal	12,575	9,000	3,625	0	25,200
Agency Operating Budget Funds	0	0	0	0	0
Federal Funds	0	0	0	0	0
Local Government Funds	0	0	0	0	0
Private Funds	0	0	0	0	0
Other	0	0	0	0	0
TOTAL	**12,575**	**9,000**	**3,625**	**0**	**25,200**

CHANGES IN STATE OPERATING COSTS	Changes in State Operating Costs (Without Inflation)			
	FY 2002-03	FY 2004-05	FY 2006-07	FY 2008-09
Compensation -- Program and Building Operation	0	0	0	0
Other Program Related Expenses	0	0	0	0
Building Operating Expenses	0	0	0	0
Building Repair and Replacement Expenses	0	0	0	0
State-Owned Lease Expenses	0	0	0	0
Nonstate-Owned Lease Expenses	0	0	0	0
Expenditure Subtotal	0	0	0	0
Revenue Offsets	<50>	<905>	<1,740>	<1,740>
Other Offsets	0	<30>	<30>	<30>
TOTAL CHANGES	<50>	<935>	<1,770>	<1,770>
Change in F.T.E. Personnel	0.0	0.0	0.0	0.0

PREVIOUS STATE CAPITAL APPROPRIATIONS FOR THIS PROJECT (Legal Citations) Laws of Minnesota (year), Chapter, Section, Subdivision	Amount
Laws of Minn 2000, Chap 492, Art I, Sec 3, Subd 8, Library/Info Tech	11,700
Laws of Minn 1998, Chap 404, Art I, Sec 3, Subd 13, Design	500
Laws of Minn 1994, Chap 643, Sec 11, Subd 8	375
TOTAL	**12,575**

SOURCE OF FUNDS FOR DEBT SERVICE PAYMENTS (for bond-financed projects only)	Amount	Percent of Total
General Fund	6,030	67.0%
User Financing	2,970	33.0%

STATUTORY AND OTHER REQUIREMENTS Project applicants should be aware that the following requirements will apply to their projects after adoption of the bonding bill.	
Yes	MS 16B.335 (1a): Construction/Major Remodeling Review (by Legislature)
No	MS 16B.335 (1b): Project Exempt From This Review (by Legislature)
No	MS 16B.335 (2): Other Projects (require legislative notification)
Yes	MS 16B.335 (3): Predesign Review Required (by Administration Dept)
Yes	MS 16B.335 (4): Energy Conservation Requirements
Yes	MS 16B.335 (5): Information Technology Review (by Office of Technology)
Yes	MS 16A.695: Public Ownership Required (as per Finance Dept.)
No	MS 16A.695: Use Agreement Required (as per Finance Dept)
No	MS 16A.695: Program Funding Review Required (by granting agency)
Yes	Matching Funds Required (as per agency request)
Yes	Project Cancellation in 2007 (as per Finance Dept)

Department of Administration Analysis:

The Strategic Planning and Systemwide presentations are concise and in complete compliance with the agencies long-range format with a programmed balance.

The premise of MnSCU to emphasize community, enrollment and science into their requests is paramount. By utilizing a balance of requested bonded monies with asset preservation and operating funds to modify existing facilities to meet long-range goals speaks highly of the thought placed in preparation of this request.

The $60.35/Sfis below targeted limit, but is justified for this renovation because asset preservation plays a role.

Department of Finance Analysis:

Phase 1 is on schedule and projected to be completed in November 2002. The renovation that is Phase 2 would then begin in the spring of 2003.

The tails on this project have been significantly reduced by continued planning. Although the official request is to have a separate Phase 2 and Phase 3, there isn't a practical reason to phase these. In the capital budget request, they remain in phases due to MnSCU and Department of Finance timelines.

From a space utilization aspect, the continued consolidation of Metro State west campus and MCTC makes good sense, as two-thirds of MCTCs enrollment is in the daytime, and two-thirds of Metro State's is at night. The 2001 MnSCU Space Utilization Study shows MCTC with a 20% space deficit.

The narrative notes that this will accommodate "high growth, tech intensive" career programs such as film, video, and media production. There could be more description of the workforce projections of these fields, and the degree to which this project is Program Enhancement or Cooperative Venture, as defined by MnSCUs order of priority.

This project will have a significant impact on the operating costs at MCTC. When what is planned as Phase 3 is completed, MCTC will realize almost $900,000 per year in operating savings, mostly from reduced lease costs.

As the 5th highest MnSCU priority, it is in the second tier of their scoring analysis, trailing at least 10 other projects who scored higher.

MCTCs enrollment in FY 2002, as of October 2001, is up 16.1% from actual FY 2000 levels, one of the highest increases in the system. Additionally, MCTCs reserves at the end of FY 2001 were 5.0% of their previous year's general operating revenue, within (but at the very lowest end of) MnSCU's policy for reserves.

STATEWIDE STRATEGIC SCORE		
Criteria	**Values**	**Points**
Critical Life Safety Emergency - Existing Hazards	0/700	0
Critical Legal Liability - Existing Liability	0/700	0
Prior Binding Commitment	0/700	0
Strategic Linkage - Agency Six Year Plan	0/40/80/120	80
Safety/Code Concerns	0/35/70/105	35
Customer Service/Statewide Significance	0/35/70/105	35
Agency Priority	0/25/50/75/100	100
User and Non-State Financing	0-100	33
State Asset Management	0/20/40/60	20
State Operating Savings or Operating Efficiencies	0/20/40/60	40
Contained in State Six-Year Planning Estimates	0/25/50	50
Total	700 Maximum	393

Governor's Recommendation:

The Governor recommends general obligation bonding of $12.625 million for this project, contingent upon a one-third debt service payment by MnSCU.

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2002 STATE APPROPRIATION REQUEST: $17,442,000

AGENCY PROJECT PRIORITY: 4 of 28

PROJECT LOCATION: Metro State University

PROJECT DESCRIPTION AND RATIONALE:

Construct, furnish and equip a University Community Library and information access center at Metro State's St. Paul Campus (86,322 GSF). The library will contain state-of-the-art electronic capabilities to support the university's multi-site operations in the Twin Cities and provide enhanced information access to both Metro SU and community users. Project is based on a collaborative model for providing information services to students and faculty at Metro State and the communities the University serves. It includes a full partnership with the St. Paul Public Library and the University of Minnesota.

Design funds for the facility were authorized in the 1998 legislative session and, to date, approximately $2.5 million has been raised by the Metro State Foundation from private sources to match the construction and equipment funds now being requested.

PROJECT RATIONALE AND RELATIONSHIP TO AGENCY LONG RANGE STRATEGIC PLAN:

MnSCU Strategic Goals:
This project meets the strategic goals identified by MnSCU for:

- *Student Success* - creating a learning resource that enables students to achieve their educational and career goals through high quality learning and support services.
- *Institutional Excellence and Quality* - providing state-of-the-art facilities that support nationally and internationally competitive programs that align to the career goals of students and the workplace needs of the community.
- *Community Collaboration and Partnerships* - raising $2,500,000 from private sources to match the construction funds being requested.
- *System Leadership* - partnering with local government to share operating costs and to take leadership in providing an information access "hub" for the east Metro community.

This project is consistent with planning by the Metropolitan Alliance to serve as an east metro area library "hub" resource available to all Metro Alliance students. The project was reviewed and supported by the Metro Alliance in the 2000 capital budget cycle. Further this project has been reviewed and supported for funding by HESOs Minnesota Library Advisory Committee.

Metropolitan State University Master Plan:
This project meets a critical need identified in the university's Master Academic and Facility plans, as well as in the State University Library of the Future report, and the Hazel Reinhart study for higher education in the metropolitan area. Metro State, despite its evolution into a comprehensive urban university, has never had a library.

Cooperative use of the combined resources of Metro State, St. Paul Public Library, and the University of Minnesota (where Metro students currently have library privileges), as well as extensive use of technology, will become a model for providing maximum faculty, student and community access to information resources critical for the future. This innovative model builds on Metro State's national reputation for community partnerships -- a cornerstone of Metro's master plan.

Project Rationale and Predesign:

- Metro State students, who are urban, place-bound working adults, must travel to major public libraries that often do not have in-depth, specialized academic resources available. If available, students may have to use PALS with a day or more of time delay to gain access to library services. This is extremely difficult for those students who are parents with full-time jobs and no car - as many of Metro's students are. The difficulty involved in accessing library services no longer meets the complex needs of an expanded student population and a stronger, broader base of undergraduate and graduate programs. Students need an academic library resource that they can count on to provide them with research materials they need in a timely manner.

- Provision of library facilities addresses the most critical need for the university. A library has been identified by students as their highest priority for many years and has been identified by national accrediting agencies and regional studies as a critical need. It will benefit literally every academic program on Metro's St. Paul campus. The need has been identified in the university's Master Academic and Facilities Plans. With its appropriation of design funds in 1998, the legislature also confirmed the need for completion of this project.

- Given the enrollment trends in the fast growing East Metro area, it is anticipated that this campus will serve an increasing base of students. The University library will serve as a resource base for all Metro State programs throughout the Twin Cities as well as provide an information resource for other MnSCU campuses in the Twin Cities, especially those in the east metro area.

- The Eastside of St. Paul, the site of Metro's St. Paul Campus, has historically been under-served with higher education and library/information services. Completion of the University Community Library will build on the investment the state has made in addressing this long-standing issue.

- By relying on electronic access and shared resources, as a complement to physical collection of materials, the University Community Library will be able to provide 21st Century services to both the university and the community in a more cost-effective manner than solely building and operating a traditional, collection-based campus library. The emphasis will be on electronic retrieval with over 60% of the 490 seats having computer access to data, and reference research stations with CD-ROM capability.

- Completion of this technology-centered facility is consistent with Minnesota's leadership role in providing public access to information. It will blend seamlessly with the many other state efforts in this area aimed at enhancing economic development and informed citizenship through the easy access to information. It will also support the increasing use of instructional technology in the classrooms.

- The new library will be connected to the Connect Minnesota cable infrastructure. This will facilitate extending the benefits of the new library to others on the network such as the St. Paul Network and Capitol loops first, and then on to Greater Minnesota connections.

Predesign was completed in August of 1997 and submitted to MnSCU and DOA for review. Schematic design was completed with design funds appropriated by the 1998 legislature, and presented to the MnSCU Board of Trustees in June 1999. Metro State has also completed final design and contract bid documents. The library construction project is fully prepared to move forward upon funding.

Enrollment and Space Utilization:
Given the enrollment trends in the fast growing East Metro area, it is anticipated that this campus will serve an increasing base of students. Enrollment at the St. Paul campus has increased approximately 45% since 1995.

FYE Enrollment	1999	2000	2001	2002 Projected
Metro State	3,314	3,443	3,681	3,850

The 1998 MnSCU Space Utilization study did not analyze state university library facilities because the Library of the Future report had reported on that need. Metro State is the only MnSCU institution without library resources.

IMPACT ON STATE AGENCY OPERATING BUDGETS (FACILITIES NOTE):

The estimated costs for operation, maintenance and repair (per year):

- At 86,322 GSF, maintenance staff increases by 3.5 FTE = $105,000 per year.
- Aggregate cost of building operations (electrical, gas, waste removal, water and sewer, security, and building maintenance and repair) = $270,000 per year.

This cost will be offset by a reduction in lease costs of approximately $140,000 per year and an operating budget by the city of St. Paul of $60,000 per year. Therefore, the new total net estimated yearly operating cost increase is $175,000.

Costs associated with maintaining library collections and service will be covered within expected operating budgets. Metro State currently has 1 Library Director plus 5 library staff, and is storing much of its library collection in anticipation of this construction. The city of St. Paul has committed to supply 2.5 library FTEs in addition to the $60,000 annual operating contribution.

OTHER CONSIDERATIONS:

Contributions received from the city of St. Paul and private sources more than cover costs associated with the area dedicated to St. Paul Public Library operations, with an estimated $400,000 of the $2.5 million private contribution going to match the state appropriation for the Metro State portion of the building project.

To date, land for the project has been purchased. In addition design has been fully completed positioning the University to move ahead when construction funding is secured.

Effects of Delay:
The most diverse state university in Minnesota, which offers primarily upper division and graduate level programs, will continue to operate without a comprehensive information resource center to support its students, faculty and programs.

While public and private donors retain their commitment for matching funds on this capital project, the university is unable to raise funds for other purposes from foundations pledged to this project because additional requests will not be considered until this project is underway. As a result, the university is restricted in seeking resources for worthy academic purposes that it otherwise may have secured.

PROJECT CONTACT PERSON, TITLE, ADDRESS, PHONE, FAX, AND E-MAIL

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Minnesota State Colleges & Universities
Metro SU - Library & Info Technology Center

AGENCY CAPITAL BUDGET REQUEST
Fiscal Years 2002-2007
Dollars in Thousands ($137,500 = $138)

Project Cost

TOTAL PROJECT COSTS All Years and All Funding Sources	**Project Costs** All Prior Years	**Project Costs** FY 2002-03	**Project Costs** FY 2004-05	**Project Costs** FY 2006-07	**Project Costs** All Years	**Project Start** (Month/Year)	**Project Finish** (Month/Year)
1. Property Acquisition							
Land, Land Easements, Options	$0	$0	$0	$0	$0		
Land and Buildings	0	0	0	0	0		
2. Predesign Fees	40	0	0	0	40	11/1996	11/1997
3. Design Fees							
Schematic	215	0	0	0	215	12/1998	06/1999
Design Development	234	0	0	0	234	07/1999	01/2000
Contract Documents	385	0	0	0	385	04/2001	11/2001
Construction Administration	0	324	0	0	324	06/2002	08/2003
4. Project Management						05/1999	01/2004
State Staff Project Management	0	0	0	0	0		
Non-State Project Management	50	370	0	0	420		
Commissioning	15	72	0	0	87		
Other Costs	0	0	0	0	0		
5. Construction Costs						10/2002	01/2004
Site & Building Preparation	76	38	0	0	114		
Demolition/Decommissioning	0	353	0	0	353		
Construction	0	12,782	0	0	12,782		
Infrastructure/Roads/Utilities	0	1,102	0	0	1,102		
Hazardous Material Abatement	25	225	0	0	250		
Construction Contingency	0	447	0	0	447		
Other Costs	0	332	0	0	332		
6. One Percent for Art	0	128	0	0	128		
7. Relocation Expenses	0	0	0	0	0		
8. Occupancy						10/2002	01/2004
Furniture, Fixtures and Equipment	0	1,499	0	0	1,499		
Telecommunications (voice & data)	0	495	0	0	495		
Security Equipment	0	250	0	0	250		
Other Costs	0	0	0	0	0		
SUBTOTAL: (items 1 – 8)	1,040	18,417	0	0	19,457		
9. Inflation							
Midpoint of Construction		07/2003					
Inflation Multiplier		8.30%	0.00%	0.00%			
Inflation Cost		1,529	0	0	1,529		
GRAND TOTAL	$1,040	$19,946	$0	$0	$20,986		

Dollars in Thousands ($137,500 = $138)

CAPITAL FUNDING SOURCES	Prior Years	FY 2002-03	FY 2004-05	FY 2006-07	TOTAL
State Funds :					
G.O Bonds/State Bldgs	1,000	17,442	0	0	18,442
State Funds Subtotal	1,000	17,442	0	0	18,442
Agency Operating Budget Funds	40	0	0	0	40
Federal Funds	0	0	0	0	0
Local Government Funds	0	0	0	0	0
Private Funds	0	2,504	0	0	2,504
Other	0	0	0	0	0
TOTAL	**1,040**	**19,946**	**0**	**0**	**20,986**

CHANGES IN STATE OPERATING COSTS	Changes in State Operating Costs (Without Inflation)			
	FY 2002-03	FY 2004-05	FY 2006-07	FY 2008-09
Compensation -- Program and Building Operation	0	158	210	210
Other Program Related Expenses	0	0	0	0
Building Operating Expenses	0	405	540	540
Building Repair and Replacement Expenses	0	0	129	129
State-Owned Lease Expenses	0	0	0	0
Nonstate-Owned Lease Expenses	0	0	0	0
Expenditure Subtotal	0	563	879	879
Revenue Offsets	0	<90>	<120>	<120>
Other Offsets	0	<210>	<280>	<280>
TOTAL CHANGES	0	263	479	479
Change in F.T.E. Personnel	0.0	3.5	3.5	3.5

PREVIOUS STATE CAPITAL APPROPRIATIONS FOR THIS PROJECT (Legal Citations) Laws of Minnesota (year), Chapter, Section, Subdivision	Amount
Laws of Minn 1998, Chap. 404, Sec 3, Subd 12, Design Library	1,000
TOTAL	**1,000**

SOURCE OF FUNDS FOR DEBT SERVICE PAYMENTS (for bond-financed projects only)	Amount	Percent of Total
General Fund	11,687	67.0%
User Financing	5,755	33.0%

STATUTORY AND OTHER REQUIREMENTS
Project applicants should be aware that the following requirements will apply to their projects after adoption of the bonding bill.

Yes	MS 16B.335 (1a): Construction/Major Remodeling Review (by Legislature)
No	MS 16B.335 (1b): Project Exempt From This Review (by Legislature)
No	MS 16B.335 (2): Other Projects (require legislative notification)
Yes	MS 16B.335 (3): Predesign Review Required (by Administration Dept)
Yes	MS 16B.335 (4): Energy Conservation Requirements
Yes	MS 16B.335 (5): Information Technology Review (by Office of Technology)
Yes	MS 16A.695: Public Ownership Required (as per Finance Dept.)
No	MS 16A.695: Use Agreement Required (as per Finance Dept)
No	MS 16A.695: Program Funding Review Required (by granting agency)
Yes	Matching Funds Required (as per agency request)
Yes	Project Cancellation in 2007 (as per Finance Dept)

Department of Administration Analysis:

The Strategic Planning and Systemwide presentations are concise and in complete compliance with the agencies long-range format with a programmed balance.

The premise of MnSCU to emphasize community, enrollment and science into their requests is paramount. By utilizing a balance of requested bonded monies with asset preservation and operating funds to modify existing facilities to meet long-range goals speaks highly of the thought placed in preparation of this request.

There is perhaps greater substantiated data listed in the individual requests from Metro colleges versus Greater Minnesota facilities however, the premise is definitely on science and technology. One area, "IT", really will assist Greater Minnesota campuses because of the more rural infrastructure however, the request for a new Metro State University Library and Technical Center in St. Paul is adjacent to the Connect Minnesota cable infrastructure that could expand that facility's outreach to the St. Paul Network and Capitol loops, then on to Minneapolis, St. Cloud, Alexandria, Fergus Falls and Moorhead. All are within a reach of that potential infrastructure.

Department of Finance Analysis:

This is the only MnSCU project that has private funds identified, by committed source, and quantified in their request— $2.5 million in matching funds are committed to this project. Predesign and design have been completed.

Operating costs will increase by $479,000 per biennium and 3.5 FTE's with this project.

This project is in the second tier of MnSCUs scoring analysis.

Metro State had the lowest tuition increase (6%) in FY 2002 of any state university in the MnSCU system, and the second lowest in the entire MnSCU system. 93% of the new library space will be for Metro State, with the remaining space devoted to a community/family library operated by the city of St. Paul.

The narrative notes that the city of St. Paul has "committed" 2.5 FTE's and $60,000 per year to the prospective library, but is more of a stated "intend to fund." The city must still work these costs into their operating budget when the library is online.

The library will primarily serve upper division and graduate students at MnSCU. Currently, 70% of Metro's credit hours are in the evening, and 45% of the class hours are at the campus. The project will increase Metro's instructional space by 20% with the classrooms on the 3rd floor. Metro State currently has $2 million in annual lease costs per year. The MnSCU 2001 Space Utilization Study shows Metro State with a 67% space deficit, one of the highest deficits in the system.

STATEWIDE STRATEGIC SCORE		
Criteria	**Values**	**Points**
Critical Life Safety Emergency - Existing Hazards	0/700	0
Critical Legal Liability - Existing Liability	0/700	0
Prior Binding Commitment	0/700	0
Strategic Linkage - Agency Six Year Plan	0/40/80/120	40
Safety/Code Concerns	0/35/70/105	0
Customer Service/Statewide Significance	0/35/70/105	70
Agency Priority	0/25/50/75/100	100
User and Non-State Financing	0-100	48
State Asset Management	0/20/40/60	0
State Operating Savings or Operating Efficiencies	0/20/40/60	0
Contained in State Six-Year Planning Estimates	0/25/50	50
Total	700 Maximum	308

According to Metro State staff, the closest public libraries are in downtown St. Paul and near the St. Paul/Maplewood border (Sun Ray).

Metro State's financial reserves at the end of FY 2001 were 3.8% of their previous year's operating revenues, down slightly from the previous year. Their FY 2002 enrollment, as of October 2001, was up 11.8% from actual enrollment in FY 2000, a significantly larger increase than the system average.

Governor's Recommendation:

The Governor recommends general obligation bonding of $17.442 million for this project, contingent upon a one-third debt service payment by MnSCU and non-state funds of $2.504 million.

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2002 STATE APPROPRIATION REQUEST: $9,150,000

AGENCY PROJECT PRIORITY: 5 of 28

PROJECT LOCATION: Alexandria Technical College

PROJECT DESCRIPTION:

Construct, furnish and equip a 52,000 square foot smart classroom/computer lab building. The Alexandria Technical College is in need of an additional classroom/lab facility to be able to continue to provide a safe environment conducive to learning for our students. This 52,000 square foot classroom/computer lab addition would provide 21 smart classrooms/labs, plus a large lecture hall that would seat 250 students. It would also provide 17 offices for instructors. The building would be connected to the college's office education building.

Academic programs impacted by this construction will be information technology, wireless communication, office services, and business services.

PROJECT RATIONALE AND RELATIONSHIP TO AGENCY LONG RANGE STRATEGIC PLAN AND CAPITAL PLAN:

MnSCU Strategic Plan:
This project meets MnSCU's goals of:

Student Success: - No space to train students in collaborative work groups, an important transferable skill demanded by employers. Current temporary houses have inadequate electrical distribution systems to support electronic education. The new building will be fully equipped for laptop computer use, and will support the latest technology for computer careers programs.

Institutional Quality and Excellence: - The primary goal of this project is to improve personal safety to students, faculty, and community users. Adequate training to industry standards is not possible at this time. The new facility will provide the space for state-of-the-art equipment to allow training for today's industry needs.

System Leadership - Alexandria Technical College has emerged as a leader in the expansion of computer science/technology programs, as demonstrated by enrollment growth in these career fields. The college has a new Wireless Computer Communications Program that is starting very strong.

Alexandria Technical College Master Plan:
Although Alexandria Technical College's Master Facilities Plan is being updated, this building project is in accordance with the plan. The 1994 Master Plan (section III, pp 44-48) outlines the need for a larger auditorium, more classrooms, and the removal of outdated temporary buildings. It also comments (pg. 44) on the need to replace temporary classroom buildings with permanent classroom buildings. The plan (pg. 49) calls for expansion moving to the south of the current Office Education building (#700).

The new smart classroom/lab building will be attached to the south side of the Office Education building, in accordance with Alexandria's master plan and the board's directive to contiguously attach buildings whenever feasible. The college needs to alleviate the use of temporary buildings for instruction. The Master Facilities Plan also looks to the future of instructional needs, particularly in the area of information technology, relative to facilities.

Enrollment and Space Utilization:
The Alexandria Technical College continues to grow in population, but has not been able to maintain any growth in facilities. The college's space availability has become an issue as it continues to grow in student population, causing overcrowding of classrooms and shop areas. The college has not been able to accommodate student interest in certain programs because of the lack of facilities. The college's enrollment has been increasing each year, and current projections indicate a continuation of that trend (see summary below).

FYE Enrollment

Year	1998-99	1999-00	2000-01	2001-02	2002-03	2003-04
Total	1,864	2,047	2,066	2,100	2,110	2,143

The 2001 Space Utilization Study shows a 21% overall projected deficit of space for the college. The new classroom building will help alleviate this total deficit.

Project Rationale and Predesign:
The college has been using temporary houses (buildings constructed by our Carpentry Program) that have been re-configured from a three-bedroom rambler design into two classrooms. These buildings are:

- 15 to 25 years old, and deteriorating from high traffic use,
- Not ADA compliant,
- Not energy efficient,
- Inadequate for electrical power distribution,
- Not conducive to a good learning environment,
- Becoming more susceptible to unsafe conditions for students and staff, and
- Considered unacceptable by the State Fire Marshall.

The new building will also support Alexandria's laptop initiative and will provide adequate space and up to date technology for our growing computer science/technology, computer careers, and wireless technology programs, as well as general education spaces required following the 1995 merger.

This project will reduce the deferred maintenance backlog by $10.8 thousand with the removal of two garages and two temporary houses.

The design of this building was funded by a 2000 legislative appropriation of $500,000. Predesign was completed December of 1999 and has been approved by MnSCU and submitted to the Department of Administration. Schematic design was completed and approved by the Trustees in April 2001. Final design will be completed January 2002, and contract bid documents by April 2002.

IMPACT ON STATE AGENCY OPERATING BUDGETS (FACILITIES NOTE):

This project will increase the college's operating budget through increased HVAC requirements, increased custodial needs (up to 2 F.T.E.) increased supplies necessary to accommodate the needs of the students and faculty in the building, and debt service. Total anticipated costs would be in the range of $192,000 per year, after full occupation.

OTHER CONSIDERATIONS:

Site Selection:
Temporary houses will continue to be used until a new building is available for occupancy.

Effects of Delay:
The delay of this project would increase the liability and deferred maintenance costs of using temporary buildings; likely resulting in reduced enrollment. Students will remain in inadequate facilities that are not conducive to good learning. Lack of space will constrain enrollment in high-wage, high-demand occupational training programs. Without this new addition, Alexandria will have to face the possibility of capping enrollment in computer careers programs.

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Minnesota State Colleges & Universities
Alexandria TC - Classroom/Technology Bldg

AGENCY CAPITAL BUDGET REQUEST
Fiscal Years 2002-2007
Dollars in Thousands ($137,500 = $138)

Project Cost

TOTAL PROJECT COSTS All Years and All Funding Sources	**Project Costs** All Prior Years	**Project Costs** FY 2002-03	**Project Costs** FY 2004-05	**Project Costs** FY 2006-07	**Project Costs** All Years	**Project Start** (Month/Year)	**Project Finish** (Month/Year)
1. Property Acquisition							
Land, Land Easements, Options	$0	$0	$0	$0	$0		
Land and Buildings	0	0	0	0	0		
2. Predesign Fees	47	0	0	0	47	07/1999	01/2000
3. Design Fees							
Schematic	100	0	0	0	100	12/2000	04/2001
Design Development	213	0	0	0	213	05/2001	12/2001
Contract Documents	180	0	0	0	180	01/2002	03/2002
Construction Administration	0	192	0	0	192	04/2002	11/2003
4. Project Management						07/2002	11/2003
State Staff Project Management	0	0	0	0	0		
Non-State Project Management	0	257	0	0	257		
Commissioning	0	0	0	0	0		
Other Costs	0	0	0	0	0		
5. Construction Costs						08/2002	11/2003
Site & Building Preparation	0	193	0	0	193		
Demolition/Decommissioning	0	180	0	0	180		
Construction	0	6,796	0	0	6,796		
Infrastructure/Roads/Utilities	0	93	0	0	93		
Hazardous Material Abatement	0	0	0	0	0		
Construction Contingency	0	240	0	0	240		
Other Costs	0	0	0	0	0		
6. One Percent for Art	0	68	0	0	68		
7. Relocation Expenses	0	0	0	0	0		
8. Occupancy						03/2003	11/2003
Furniture, Fixtures and Equipment	0	340	0	0	340		
Telecommunications (voice & data)	0	200	0	0	200		
Security Equipment	0	0	0	0	0		
Other Costs	0	0	0	0	0		
SUBTOTAL: (items 1 – 8)	540	8,559	0	0	9,099		
9. Inflation							
Midpoint of Construction		03/2003					
Inflation Multiplier		6.90%	0.00%	0.00%			
Inflation Cost		591	0	0	591		
GRAND TOTAL	$540	$9,150	$0	$0	$9,690		

Dollars in Thousands ($137,500 = $138)

CAPITAL FUNDING SOURCES	Prior Years	FY 2002-03	FY 2004-05	FY 2006-07	TOTAL
State Funds :					
G.O Bonds/State Bldgs	500	9,150	0	0	9,650
State Funds Subtotal	500	9,150	0	0	9,650
Agency Operating Budget Funds	40	0	0	0	40
Federal Funds	0	0	0	0	0
Local Government Funds	0	0	0	0	0
Private Funds	0	0	0	0	0
Other	0	0	0	0	0
TOTAL	**540**	**9,150**	**0**	**0**	**9,690**

CHANGES IN STATE OPERATING COSTS	Changes in State Operating Costs (Without Inflation)			
	FY 2002-03	FY 2004-05	FY 2006-07	FY 2008-09
Compensation -- Program and Building Operation	0	72	72	72
Other Program Related Expenses	0	25	25	25
Building Operating Expenses	0	287	287	287
Building Repair and Replacement Expenses	0	0	78	78
State-Owned Lease Expenses	0	0	0	0
Nonstate-Owned Lease Expenses	0	0	0	0
Expenditure Subtotal	0	384	462	462
Revenue Offsets	0	0	0	0
TOTAL CHANGES	0	384	462	462
Change in F.T.E. Personnel	0.0	2.0	2.0	2.0

PREVIOUS STATE CAPITAL APPROPRIATIONS FOR THIS PROJECT (Legal Citations) Laws of Minnesota (year), Chapter, Section, Subdivision	Amount
Laws of Minn 2000, Chapter 492, Section 3, subd 3 - Design	500
TOTAL	**500**

SOURCE OF FUNDS FOR DEBT SERVICE PAYMENTS (for bond-financed projects only)	Amount	Percent of Total
General Fund	6,131	67.0%
User Financing	3,019	33.0%

STATUTORY AND OTHER REQUIREMENTS
Project applicants should be aware that the following requirements will apply to their projects after adoption of the bonding bill.

Yes	MS 16B.335 (1a): Construction/Major Remodeling Review (by Legislature)
No	MS 16B.335 (1b): Project Exempt From This Review (by Legislature)
No	MS 16B.335 (2): Other Projects (require legislative notification)
Yes	MS 16B.335 (3): Predesign Review Required (by Administration Dept)
Yes	MS 16B.335 (4): Energy Conservation Requirements
Yes	MS 16B.335 (5): Information Technology Review (by Office of Technology)
Yes	MS 16A.695: Public Ownership Required (as per Finance Dept.)
No	MS 16A.695: Use Agreement Required (as per Finance Dept)
No	MS 16A.695: Program Funding Review Required (by granting agency)
Yes	Matching Funds Required (as per agency request)
Yes	Project Cancellation in 2007 (as per Finance Dept)

Department of Administration Analysis:

The Strategic Planning and Systemwide presentations are concise and in complete compliance with the agencies long-range format with a programmed balance.

The premise of MnSCU to emphasize community, enrollment and science into their requests is paramount. By utilizing a balance of requested bonded monies with asset preservation and operating funds to modify existing facilities to meet long-range goals speaks highly of the thought placed in preparation of this request.

There is perhaps greater substantiated data listed in the individual requests from Metro colleges versus Greater Minnesota facilities however, the premise is definitely on science and technology. One area, "IT", really will assist Greater Minnesota campuses because of the more rural infrastructure however, the request for a new Metro State University Library and Technical Center in St. Paul is adjacent to the Connect Minnesota cable infrastructure that could expand that facility's outreach to the St. Paul Network and Capitol loops, then on to Minneapolis, St. Cloud, Alexandria, Fergus Falls, and Moorhead. All are within a reach of that potential infrastructure.

Likewise, there are comments on ranges of costs and to make it clear I realize there are asset preservation monies being applied to a multitude of these projects and therefore take my comments as more of a "check and balance" not, a directive!

The overall cost estimate of $166.78/SF is above the targeted limit, but is justified because of the technicality including deficient handicapped, accessible or occupancy codes.

The square footage and costs are incomplete.

Department of Finance Analysis:

The new building will house the accounting, information technology, office services, and business services programs. The request could include more description on the degree to which this program meets MnSCUs four point order of priorities.

Operating costs at Alexandria Tech are expected to increase $462,000 per biennium and two permanent FTE's.

Six "temporary classrooms" have been used since 1978, which have substandard flooring and temperature control. The project will add two floors of classroom space and a large auditorium/lecture hall. The 2001 MnSCU Space Utilization Study shows a 21% deficiency for Alex Tech. Design for this project has been completed.

STATEWIDE STRATEGIC SCORE		
Criteria	**Values**	**Points**
Critical Life Safety Emergency - Existing Hazards	0/700	0
Critical Legal Liability - Existing Liability	0/700	0
Prior Binding Commitment	0/700	0
Strategic Linkage - Agency Six Year Plan	0/40/80/120	80
Safety/Code Concerns	0/35/70/105	35
Customer Service/Statewide Significance	0/35/70/105	35
Agency Priority	0/25/50/75/100	100
User and Non-State Financing	0-100	33
State Asset Management	0/20/40/60	0
State Operating Savings or Operating Efficiencies	0/20/40/60	0
Contained in State Six-Year Planning Estimates	0/25/50	50
Total	700 Maximum	333

Enrollment at Alexandria Technical College for FY 2002, as of October 2001, had increased only 2.6% from actual FY 2000. Their financial reserves at the end of FY 2001 were 5.2% of previous year's operating revenues, within MnSCUs expected range but lower than the system average for technical colleges.

Governor's Recommendation:

The Governor recommends general obligation bonding of $9.15 million for this project, contingent upon a one-third debt service payment by MnSCU.

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2002 STATE APPROPRIATION REQUEST: $30,000,000

AGENCY PROJECT PRIORITY: 6 of 28

PROJECT LOCATION: Winona State University

PROJECT DESCRIPTION AND RATIONALE:

Construct, furnish and equip a new (118,000 GSF) science building at Winona State University. All wet labs currently housed in Pasteur Hall will be relocated to the new building. Phase 2 of the project in 2004 would include renovation of Pasteur Hall, the current science facility. Vacated spaces in Pasteur Hall will be remodeled into dry labs, classrooms and faculty offices.

Academic programs impacted by this new facility are: Biology, Chemistry, Geoscience, Physics, Nursing, Health Sciences, Engineering, and K-12 science teacher preparation.

PROJECT RATIONALE AND RELATIONSHIP TO AGENCY LONG STRATEGIC PLAN AND CAPITAL PLAN:

MnSCU Strategic Plan:
This project addresses the following MnSCU strategic goals.

Student Success - modern labs would enhance interactive exchanges with faculty and collaborative exchanges with students, allowing WSU to educate students who are adaptable, interdisciplinary, and leading edge.

Institutional Quality and Excellence - WSU science faculty have been leaders in integrating technology into the classroom. The current science building houses an Educational Technology Center to provide training to support faculty in developing pedagogy that incorporates technology, but the structure of the building is itself a hindrance to this innovation, particularly in regard to WSU's lap-top initiative.

Community & K-12 Partnership - University partnerships with industry and government have led to the creation of seven centers (Composite Materials Center, etc.) where laboratory analysis and research functions provide, not only services to the community, but also real-world hands-on experience for students. WSU has developed a museum-type collection of displays and educational resources for K-12 science teachers and students used as a field trip experience.

Winona State University Master Plan:
WSU completed campus master academic and facilities plans in October of 1998 as part of a comprehensive long-range planning strategy. The analyses highlighted major deficiencies and safety concerns in Pasteur Hall and identified its replacement as a top priority.

There are three main areas of concern about the adequacy of Pasteur Hall for delivering a quality educational program to our students:

- Overcrowding
- Safety and Health Issues
- Outdated for Modern Science Pedagogy and Research

A new science building that meets the needs of students and faculty by providing safe, efficient, up-to-date science classrooms, laboratories, and research centers will enable WSU to meet its institutional goals of educating the workforce of tomorrow. The experiences that can be provided with a modern, well-equipped, technology-rich science building will better prepare students for quality jobs and better prepare Minnesota industries to compete in the world markets. Both MnSCU and WSU are committed to enhancing facilities to provide the best possible institutional environment for students to succeed.

Enrollment and Space Utilization
Enrollment at Winona State has been capped, but is still increasing at 4% per year:

FYE Enrollment	1999	2001	2002 Projected
Winona	6,426	6,997	7,300

Winona currently shows a 66% deficit in Biology classroom space, a 39% deficit in Chemistry classrooms, a 39% deficit in Geology classrooms and laboratories, and a 73% deficit in Physics classroom and laboratories, with an overall deficit of 1% of space on the entire campus. This overall space grows to 12% in FY 2006 due to projected enrollment increases. The science space deficits are for current needs and do not show the increase space needed due to the new State Board of Teaching Standards.

Project Rationale and Predesign:
Overcrowding - When Pasteur Hall was built in 1962, the total enrollment at WSU was 1,500 students, with a central mission to educate teachers. The total combined faculty in all science disciplines (physics, chemistry, biology, math and geography) was 13 at that time. There was no research being conducted by the university in 1962. Today, there are over 900 science majors at WSU. Every department conducts student research and requires capstone experiences. Additionally, every undergraduate is required to take at least one lab science and one non-lab science course.

New standards for science teacher certification in Minnesota will include a research component, again requiring more science laboratory space.

Safety - An outdated ventilation system does not properly vent chemical fumes in Pasteur. Fume hoods have never been replaced or upgraded, and in fact, many labs do not even have fume hoods. The return air system pulls air out of the labs into the hallways to be exhausted at the end of the corridor, a current code violation.

The laboratories also do not have adequate space for proper and handling of supplies in accordance with OSHA standards. Many teaching supplies are kept in faculty offices. There are no floor drains to efficiently handle accidental spills. The elevators, classrooms, and especially the laboratories are not ADA accessible. A new fire sprinkler system and emergency lighting are needed.

Outdated for Current Pedagogy - Pasteur was designed for a static, individual lab experience where simple experiments were performed alone, or with a partner, in a situation that was controlled in order to produce pre-determined results. That is not the current methodology of teaching or learning science curricula. Today, students must work in collaborative groups on creative and individualized projects that do require interactive learning, problem solving and critical thinking. This requires adaptable pods with computer technology and instrumentation infrastructure wired in, rather than long benches with a sink at one end. Students also need computers with internet access and multimedia capabilities to train for the science careers of tomorrow.

When Pasteur was built WSU offered five science majors; today WSU also offers specialties in microbiology, environmental science, ecology, nuclear power technology, medical technology, cytotechnology, biochemistry, hydrogeology, electronics, polymers, and GIS, as well as pre-professional programs in veterinary medicine, for which there are no laboratory spaces. There are also inadequate (or non-existent) spaces for lab assistants to perform prep work in a safe, controlled environment, which is another safety issue.

Predesign for the new science facility addition and renovation was completed in August 2000 and reviewed by MnSCU and DOA. Schematic design is also complete and was reviewed by the MnSCU Board of Trustees in June 2001. Final design is scheduled for completion in November 2001, and contract bid documents by April 2002.

IMPACT ON STATE AGENCY OPERATING BUDGETS (FACILITIES NOTE):

The new building will add 118,000 GSF to the campus. The WSU average for expenditures on building operations and maintenance is $4.10, which would result in a yearly increase of $483,800 with the new construction. The new square footage will also require three additional maintenance FTE at $108,000, for a total increase of $591,800.

The new laboratories will require an addition to the complement of laboratory assistants. It is estimated that one lab technician at $55,000 per year would be required. Operating costs will be offset by increases in FYE.

OTHER CONSIDERATIONS:

Design of the new campus boilers has accounted for the additional square footage. The boilers are sized to handle this larger load, and the chillers installed last year were sized to handle this load.

Winona State University does not have a debt service for the construction of the New Library. WSU does have an annual debt service of $32,000 based on the planning of Maxwell Hall Remodeling and Land Acquisition.

Site Selection:
The new science facility will be connected to Pasteur Hall and Stark Hall. Stark Hall houses the Nursing and Engineering Departments.

PROJECT CONTACT PERSON, TITLE, ADDRESS, PHONE, FAX, AND E-MAIL:

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Minnesota State Colleges & Universities
Winona SU - New Science Building

AGENCY CAPITAL BUDGET REQUEST
Fiscal Years 2002-2007
Dollars in Thousands ($137,500 = $138)

Project Cost

TOTAL PROJECT COSTS All Years and All Funding Sources	**Project Costs** All Prior Years	**Project Costs** FY 2002-03	**Project Costs** FY 2004-05	**Project Costs** FY 2006-07	**Project Costs** All Years	**Project Start** (Month/Year)	**Project Finish** (Month/Year)
1. Property Acquisition							
Land, Land Easements, Options	$0	$0	$0	$0	$0		
Land and Buildings	0	0	0	0	0		
2. Predesign Fees	85	0	0	0	85	09/1999	08/2000
3. Design Fees							
Schematic	513	0	0	0	513	10/2000	06/2001
Design Development	651	0	0	0	651	07/2001	11/2001
Contract Documents	305	471	0	0	776	12/2001	04/2002
Construction Administration	0	504	139	0	643	04/2002	07/2002
4. Project Management						04/2002	02/2004
State Staff Project Management	0	0	0	0	0		
Non-State Project Management	99	656	289	0	1,044		
Commissioning	28	95	65	0	188		
Other Costs	0	0	0	0	0		
5. Construction Costs						07/2002	02/2004
Site & Building Preparation	0	350	0	0	350		
Demolition/Decommissioning	0	20	97	0	117		
Construction	0	22,900	5,993	0	28,893		
Infrastructure/Roads/Utilities	0	0	0	0	0		
Hazardous Material Abatement	4	25	221	0	250		
Construction Contingency	0	1,712	467	0	2,179		
Other Costs	0	0	0	0	0		
6. One Percent for Art	0	232	60	0	292		
7. Relocation Expenses	0	0	0	0	0		
8. Occupancy						04/2003	02/2004
Furniture, Fixtures and Equipment	0	748	920	0	1,668		
Telecommunications (voice & data)	0	250	200	0	450		
Security Equipment	0	22	17	0	39		
Other Costs	0	0	0	0	0		
SUBTOTAL: (items 1 – 8)	1,685	27,985	8,468	0	38,138		
9. Inflation							
Midpoint of Construction		04/2003	02/2005				
Inflation Multiplier		7.20%	15.40%	0.00%			
Inflation Cost		2,015	1,304	0	3,319		
GRAND TOTAL	$1,685	$30,000	$9,772	$0	$41,457		

Dollars in Thousands ($137,500 = $138)

CAPITAL FUNDING SOURCES	Prior Years	FY 2002-03	FY 2004-05	FY 2006-07	TOTAL
State Funds :					
G.O Bonds/State Bldgs	1,600	30,000	9,772	0	41,372
State Funds Subtotal	1,600	30,000	9,772	0	41,372
Agency Operating Budget Funds	85	0	0	0	85
Federal Funds	0	0	0	0	0
Local Government Funds	0	0	0	0	0
Private Funds	0	0	0	0	0
Other	0	0	0	0	0
TOTAL	**1,685**	**30,000**	**9,772**	**0**	**41,457**

CHANGES IN STATE OPERATING COSTS	Changes in State Operating Costs (Without Inflation)			
	FY 2002-03	FY 2004-05	FY 2006-07	FY 2008-09
Compensation -- Program and Building Operation	0	163	326	326
Other Program Related Expenses	0	5	10	10
Building Operating Expenses	0	484	968	968
Building Repair and Replacement Expenses	0	0	177	177
State-Owned Lease Expenses	0	0	0	0
Nonstate-Owned Lease Expenses	0	0	0	0
Expenditure Subtotal	0	652	1,481	1,481
Revenue Offsets	0	0	0	0
TOTAL CHANGES	0	652	1,481	1,481
Change in F.T.E. Personnel	0.0	4.0	4.0	4.0

PREVIOUS STATE CAPITAL APPROPRIATIONS FOR THIS PROJECT (Legal Citations) Laws of Minnesota (year), Chapter, Section, Subdivision	Amount
Laws of Minn 2000, Chap 492, Art I, Sec 3, Subd 21, Design Science Bld	1,600
TOTAL	**1,600**

SOURCE OF FUNDS FOR DEBT SERVICE PAYMENTS (for bond-financed projects only)	Amount	Percent of Total
General Fund	20,100	67.0%
User Financing	9,900	33.0%

STATUTORY AND OTHER REQUIREMENTS

Project applicants should be aware that the following requirements will apply to their projects after adoption of the bonding bill.

Yes	MS 16B.335 (1a): Construction/Major Remodeling Review (by Legislature)
No	MS 16B.335 (1b): Project Exempt From This Review (by Legislature)
No	MS 16B.335 (2): Other Projects (require legislative notification)
Yes	MS 16B.335 (3): Predesign Review Required (by Administration Dept)
Yes	MS 16B.335 (4): Energy Conservation Requirements
Yes	MS 16B.335 (5): Information Technology Review (by Office of Technology)
Yes	MS 16A.695: Public Ownership Required (as per Finance Dept.)
No	MS 16A.695: Use Agreement Required (as per Finance Dept)
No	MS 16A.695: Program Funding Review Required (by granting agency)
Yes	Matching Funds Required (as per agency request)
Yes	Project Cancellation in 2007 (as per Finance Dept)

Department of Administration Analysis:

The Strategic Planning and Systemwide presentations are concise and in complete compliance with the agencies long-range format with a programmed balance.

The premise of MnSCU to emphasize community, enrollment and science into their requests is paramount. By utilizing a balance of requested bonded monies with asset preservation and operating funds to modify existing facilities to meet long-range goals speaks highly of the thought placed in preparation of this request.

There is perhaps greater substantiated data listed in the individual requests from Metro colleges versus Greater Minnesota facilities however, the premise is definitely on science and technology. One area, "IT", really will assist Greater Minnesota campuses because of the more rural infrastructure however, the request for a new Metro State University Library and Technical Center in St. Paul is adjacent to the Connect Minnesota cable infrastructure that could expand that facility's outreach to the St. Paul Network and Capitol loops, then on to Minneapolis, St. Cloud, Alexandria, Fergus Falls and Moorhead. All are within a reach of that potential infrastructure.

Department of Finance Analysis:

This project is in MnSCU's top tier in their scoring analysis.

Operating costs will increase $1.4 million per biennium and add 4 FTE's to the Winona State budget. The 2001 MnSCU Space Utilization Study shows Winona State with a 1% space deficit.

The new facility will impact biology, chemistry, geoscience, physics, nursing, health sciences, engineering, and K-12 science preparation. Many of these are recognized as areas in which there is a key workforce shortage. This project won't necessarily add educational capacity, but will provide a safer and better learning environment for science students.

Many of the metal fixtures, such as piping, light fixtures, and sinks are badly corroded from the fumes in the chemistry and biology labs. The rooms vent poorly, and vent out into the hallway. There is a permanent, noxious odor in the biology labs.

Design is approximately 80% completed, and is expected to be completed in February. Remodeling Pasteur Hall, Phase II of the project, will remove $4.5 million from the MNSCU deferred maintenance list. Some of the operating costs might be offset by increased research grants the faculty obtain. Students accepted a 1% increase on their tuition to pay for technology upgrades at the new library, and funded the student fitness center themselves.

STATEWIDE STRATEGIC SCORE		
Criteria	**Values**	**Points**
Critical Life Safety Emergency - Existing Hazards	0/700	0
Critical Legal Liability - Existing Liability	0/700	0
Prior Binding Commitment	0/700	0
Strategic Linkage - Agency Six Year Plan	0/40/80/120	80
Safety/Code Concerns	0/35/70/105	70
Customer Service/Statewide Significance	0/35/70/105	70
Agency Priority	0/25/50/75/100	75
User and Non-State Financing	0-100	33
State Asset Management	0/20/40/60	0
State Operating Savings or Operating Efficiencies	0/20/40/60	0
Contained in State Six-Year Planning Estimates	0/25/50	50
Total	700 Maximum	378

Enrollment at Winona State in FY 2002, as of October 2001, was up 9.2% from actual enrollment in FY 2000, higher than the system average and the state university average. Their financial reserves at the end of FY 2001 were 4.2% of the previous year's operating revenues, lower than MnSCUs guidelines but higher than all but one of the other state universities.

Governor's Recommendation:

The Governor recommends general obligation bonding of $30 million for this project, contingent upon a one-third debt service payment by MnSCU. Also included are budget planning estimates of $9.772 million in 2004.

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2002 STATE APPROPRIATION REQUEST: $18,955,000

AGENCY PROJECT PRIORITY: 7 of 28

PROJECT LOCATION: Moorhead State University

PROJECT DESCRIPTION AND RATIONALE:

Construct, furnish and equip a 80,435 GSF new science laboratory and auditorium addition to Hagen Hall on the Minnesota State University Moorhead (MSUM) campus.

The new addition will be the primary laboratory teaching facility for both the departments of biology and chemistry. The new addition will include a new animal quarters and a green house that will provide services to the entire university. Additionally, two large lecture halls with full multimedia capabilities will be included in the new addition. These lecture halls will be used for classes and on campus public events as well as having full distance education capabilities.

Phase 2, renovation of the existing Hagen Hall, will be requested in 2004.

PROJECT RATIONALE AND RELATIONSHIP TO AGENCY LONG RANGE STRATEGIC PLAN AND CAPITAL PLAN:

MnSCU Strategic Plan:

This project ties directly to the following MnSCU Strategic Goals:

- *Academic Accountability*: national emphasis on science for all students and increasing focus on undergraduate science research require the availability of appropriate facilities and technology for effective student learning.
- *Career Education*: For science majors, entry into the work force and admission to top graduate programs require competitive laboratory and technological skills. Additionally, students must have a variety of learning experiences that allow them to work independently and collaboratively. This requires suitable space and equipment for an array of learning opportunities.
- *Electronic Education*:
  Upgrading the science facilities meet this goal at two levels:
  - The ability of students to access knowledge from a variety of sources and use the latest equipment and techniques, allowing life long learning, and skills for success in industry and research.
  - The ability to reach place-bound students and provide distance education services to the MSUM service area is an essential element of higher education. Classrooms and laboratories with modern, upgradeable communication technology will allow MSU--Moorhead to meet these needs.
- *Program and Service Alignment*: The Moorhead-Fargo area is a regional medical center as well as agricultural and biotechnology industry center. Strong, contemporary programs in the sciences will further prepare students for healthcare and industry professional positions available in the Upper Midwest.
- *MnSCU K-12 Partnerships*: High school teachers' standards require participation in research. Research in biology and chemistry will take place in the new laboratory addition. This facility will also host K-12 career days, hands-on laboratory activities, and regional science competitions.

MSU Moorhead Master Plan:

MSUMs mission includes goals and directions that address the role of modern, dynamic facilities that enhance the teaching and learning process as well as the academic environment. A new science facility will allow MSUM to address educational priorities for students in a number of areas:

- To provide a strong and extensive science foundation in its liberal arts education program.
- To provide undergraduate research opportunities to all interested students. There is an expectation that undergraduate students in the sciences will be involved in research activities during their college careers, and research for biology and chemistry students will occur in the new addition.
- To provide pre-service K-12 teachers preparation in the sciences as that meets the standards required by the Minnesota Board of Teaching, with an increased emphasis on contextual and inquiry/investigation learning.

Enrollment and Space Utilization:

MSU Moorhead	FY 1999	FY 2001	FY 2002
FYE	5,987	6,501	6,598 (Projected)

MSUM has emphasized the construction of a new science laboratory addition as our first priority for capital funding following an extensive evaluation of our current physical plant, classrooms, laboratories and our present space utilization. Our facilities plan requires that we construct a new facility that will address the growing need to update academic delivery in the sciences and the numerous regulatory violations faced in the existing facilities.

Project Rationale and Predesign:

The addition of new laboratories and the renovation of classrooms will enhance the educational experience for our students and improve their scientific preparation for the 21st century. Students will be provided with a hands-on, research-rich, collaborative learning environment in a facility designed to foster interactions

between students and faculty. Equally important, students and faculty will work in a safe, adequately ventilated laboratory environment.

A new science facility will address several issues, including air quality problems, regulatory violations, and respond to current pedagogy in the sciences. The building code violations and air quality issues are so pervasive that an addition is the only realistic approach to finding a workable solution. The floor-to-ceiling height in Hagen Hall does not allow space for an adequate mechanical and ventilation system to address air quality issues (i.e. fume hoods) in the chemistry and biology laboratories.

The alternative to a new science addition is to renovate the existing science laboratories and classrooms. This alternative is not realistic or practical due to the limited floor to ceiling heights and the extensive nature of the required renovation. Alternative sites were also considered, but adding onto one of the existing science buildings provided the best utilization of both our current facilities and the new space. For instance, classroom spaces can be held to a minimum in the new addition and classrooms in the current facility utilized more heavily for non-laboratory classes.

Predesign was completed in September 2000 and reviewed by MnSCU and Admin. Schematic designs are also completed and were reviewed by the MnSCU Board of Trustees in May 2001.

IMPACT ON STATE AGENCY OPERATING BUDGETS (FACILITIES NOTE):

Operating costs will be increased due to additional square footage. MSUM averages $3.60 per square foot for current building operations and maintenance. Operating costs for Phase 1 will increase by $289,500 per year.

Saving due to more efficient roofs and climate control systems will be realized in Phase 2. Once both phases of this project are completed, operating costs will show a net increase of $160,000 per year.

The increased square footage will require two additional maintenance FTE, for an annual increase of $72,000. The new laboratory facilities will require an addition to the complement of laboratory assistants. It is estimated that one new lab technician will be needed at $45,000 annually. Operating costs will be offset by increases in FYE.

OTHER CONSIDERATIONS:

Consequences of Delayed Funding:

If a new science addition is not authorized, the existing buildings will have to be remodeled at a significantly higher cost and a less effective result.

PROJECT CONTACT PERSON, TITLE, ADDRESS, PHONE, FAX, AND E-MAIL:

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Dollars in Thousands ($137,500 = $138)

TOTAL PROJECT COSTS All Years and All Funding Sources	Project Costs All Prior Years	Project Costs FY 2002-03	Project Costs FY 2004-05	Project Costs FY 2006-07	Project Costs All Years	Project Start (Month/Year)	Project Finish (Month/Year)
1. Property Acquisition							
Land, Land Easements, Options	$0	$0	$0	$0	$0		
Land and Buildings	0	0	0	0	0		
2. Predesign Fees	20	0	0	0	20	08/1998	09/2000
3. Design Fees							
Schematic	319	0	0	0	319	01/2001	06/2001
Design Development	239	0	0	0	239	07/2001	11/2001
Contract Documents	639	0	0	0	639	12/2001	04/2002
Construction Administration	267	0	122	0	389	06/2002	10/2002
4. Project Management						08/2002	02/2004
State Staff Project Management	0	0	0	0	0		
Non-State Project Management	124	260	131	0	515		
Commissioning	0	0	0	0	0		
Other Costs	0	0	0	0	0		
5. Construction Costs						10/2002	02/2004
Site & Building Preparation	0	284	0	0	284		
Demolition/Decommissioning	0	0	399	0	399		
Construction	0	14,990	6,519	0	21,509		
Infrastructure/Roads/Utilities	0	0	0	0	0		
Hazardous Material Abatement	0	0	210	0	210		
Construction Contingency	0	599	400	0	999		
Other Costs	0	0	0	0	0		
6. One Percent for Art	0	150	65	0	215		
7. Relocation Expenses	0	0	0	0	0		
8. Occupancy						04/2003	02/2004
Furniture, Fixtures and Equipment	0	985	581	0	1,566		
Telecommunications (voice & data)	0	414	176	0	590		
Security Equipment	0	0	0	0	0		
Other Costs	0	0	0	0	0		
SUBTOTAL: (items 1 – 8)	1,608	17,682	8,603	0	27,893		
9. Inflation							
Midpoint of Construction		04/2003	05/2005				
Inflation Multiplier		7.20%	16.50%	0.00%			
Inflation Cost		1,273	1,419	0	2,692		
GRAND TOTAL	$1,608	$18,955	$10,022	$0	$30,585		

Dollars in Thousands ($137,500 = $138)

CAPITAL FUNDING SOURCES	Prior Years	FY 2002-03	FY 2004-05	FY 2006-07	TOTAL
State Funds :					
G.O Bonds/State Bldgs	1,600	18,955	10,022	0	30,577
State Funds Subtotal	1,600	18,955	10,022	0	30,577
Agency Operating Budget Funds	8	0	0	0	8
Federal Funds	0	0	0	0	0
Local Government Funds	0	0	0	0	0
Private Funds	0	0	0	0	0
Other	0	0	0	0	0
TOTAL	**1,608**	**18,955**	**10,022**	**0**	**30,585**

CHANGES IN STATE OPERATING COSTS	Changes in State Operating Costs (Without Inflation)			
	FY 2002-03	FY 2004-05	FY 2006-07	FY 2008-09
Compensation -- Program and Building Operation	0	117	234	234
Other Program Related Expenses	0	0	0	0
Building Operating Expenses	0	289	579	579
Building Repair and Replacement Expenses	0	0	125	125
State-Owned Lease Expenses	0	0	0	0
Nonstate-Owned Lease Expenses	0	0	0	0
Expenditure Subtotal	0	406	938	938
Revenue Offsets	0	0	0	0
TOTAL CHANGES	0	406	938	938
Change in F.T.E. Personnel	0.0	1.5	3.0	3.0

PREVIOUS STATE CAPITAL APPROPRIATIONS FOR THIS PROJECT (Legal Citations) Laws of Minnesota (year), Chapter, Section, Subdivision	Amount
Laws of Minn 2000, Chap 492, Art I, Sec 3, Subd 11, Design Science Add	1,600
TOTAL	**1,600**

SOURCE OF FUNDS FOR DEBT SERVICE PAYMENTS (for bond-financed projects only)	Amount	Percent of Total
General Fund	12,700	67.0%
User Financing	6,255	33.0%

STATUTORY AND OTHER REQUIREMENTS
Project applicants should be aware that the following requirements will apply to their projects after adoption of the bonding bill.

Yes	MS 16B.335 (1a): Construction/Major Remodeling Review (by Legislature)
No	MS 16B.335 (1b): Project Exempt From This Review (by Legislature)
No	MS 16B.335 (2): Other Projects (require legislative notification)
Yes	MS 16B.335 (3): Predesign Review Required (by Administration Dept)
Yes	MS 16B.335 (4): Energy Conservation Requirements
Yes	MS 16B.335 (5): Information Technology Review (by Office of Technology)
Yes	MS 16A.695: Public Ownership Required (as per Finance Dept.)
No	MS 16A.695: Use Agreement Required (as per Finance Dept)
No	MS 16A.695: Program Funding Review Required (by granting agency)
Yes	Matching Funds Required (as per agency request)
Yes	Project Cancellation in 2007 (as per Finance Dept)

Department of Administration Analysis:

The Strategic Planning and Systemwide presentations are concise and complete compliance with the agencies long-range format with a programmed balance.

The premise of MnSCU to emphasize community, enrollment and science into their requests is paramount. By utilizing a balance of requested bonded monies with asset preservation and operating funds to modify existing facilities to meet long-range goals speaks highly of the thought placed in preparation of this request.

There is perhaps greater substantiated data listed in the individual requests from Metro colleges versus Greater Minnesota facilities however, the premise is definitely on science and technology. One area, "IT", really will assist Greater Minnesota campuses because of the more rural infrastructure however, the request for a new Metro State University Library and Technical Center in St. Paul is adjacent to the Connect Minnesota cable infrastructure that could expand that facility's outreach to the St. Paul Network and Capitol loops, then on to Minneapolis, St. Cloud, Alexandria, Fergus Falls, and Moorhead. All are within a reach of that potential infrastructure.

Department of Finance Analysis:

The project is to construct laboratory teaching facility, new animal quarters and greenhouse, and two large auditoriums.

The next phase of this project is expected to cost $8.9 million. Operating costs are expected to increase 1.5 FTE's and $938,000 per biennium.

Actual enrollment in FY 2002, as of October 2001, was up 8.6% from actual enrollment in FY 2002, a larger increase than the system average of 7.9%, and comparable to the state university average of 8.1%. However, Moorhead State's reserves at the end of 2001 were only 2.6% of general operating revenues, far below MnSCUs stated policy but slightly improved from the previous year. MnSCUs 2001 Space Utilization Study showed a 10% space deficit at Moorhead State.

Governor's Recommendation:

The Governor recommends general obligation bonding of $18.955 million for this project, contingent upon a one-third debt service payment by MnSCU. Also included are budget planning estimates of $10.022 million in 2004.

STATEWIDE STRATEGIC SCORE		
Criteria	**Values**	**Points**
Critical Life Safety Emergency - Existing Hazards	0/700	0
Critical Legal Liability - Existing Liability	0/700	0
Prior Binding Commitment	0/700	0
Strategic Linkage - Agency Six Year Plan	0/40/80/120	80
Safety/Code Concerns	0/35/70/105	35
Customer Service/Statewide Significance	0/35/70/105	70
Agency Priority	0/25/50/75/100	75
User and Non-State Financing	0-100	33
State Asset Management	0/20/40/60	0
State Operating Savings or Operating Efficiencies	0/20/40/60	0
Contained in State Six-Year Planning Estimates	0/25/50	50
Total	700 Maximum	343

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2002 STATE APPROPRIATION REQUEST: $1,900,000

AGENCY PROJECT PRIORITY: 8 of 28

PROJECT LOCATION: Systemwide

PROJECT DESCRIPTION AND RATIONALE:

Design, renovate, furnish and equip science laboratories at the following six college campuses:

- MSC -- Southeast TC at Winona -- (2,375 GSF)
- Minnesota West at Canby -- Dental Lab (1,462 GSF)
- Minneapolis C&TC -- Organic Chemistry Lab (1,320 GSF)
- Minnesota West at Worthington - Chemistry Lab (1,318 GSF)
- MSC -- Southeast TC at Red Wing -- (1,497 GSF)
- South Central TC at Faribault -- (1,038 GSF)

All six projects will be renovation projects, under $450,000 in cost, with a construction schedule of less than 12 months. All six projects will reduce deferred maintenance, address life safety, mechanical upgrades, and interior finishes in the college's science labs, bring the labs up to current building codes, and current education delivery and computer technology standards.

Academic programs impacted are: biology, chemistry, organic chemistry, physics, soil science, agronomy, dental assisting, dental hygiene, associate degree nursing, LPN, allied health, and general transfer curriculum requirements.

PROJECT RATIONALE AND RELATIONSHIP TO AGENCY LONG RANGE STRATEGIC PLAN AND CAPITAL PLAN:

MnSCU Strategic Plan:
The Science Initiative meets MnSCUs Strategic Goals of:

- *Student Success* - the modernization of science laboratory spaces will better prepare MnSCU students for the growing science and nursing fields.
- *Institutional Excellence and Quality* - improvements in interior spaces and educational delivery will lead to a better learning environment and experience.
- *System Leadership* - this is a system office initiative to assist campuses meet the workforce needs for healthcare employees and teachers of science, as well as campus educational objectives in the sciences, while simultaneously reducing their backlog of interior deferred maintenance issues.

MnSCU Systemwide Board of Trustees Policy and Facilities Principles:
The Board of Trustees is committed to long-term stewardship of the state's facilities resources, including long-term asset preservation and renewal, according to their policy on capital program planning. In June of 1998 the Board of Trustees adopted the following priorities and principles for development of the physical infrastructure to support quality education at MnSCU:

- Focus on preservation and renewal to protect the state's investment in our facilities, and to offer high quality, attractive facilities where students can succeed.
- Maximize functionality of the facility to accommodate current and future academic programs.
- Address technology upgrades in science laboratories to meet current pedagogy standards.
- Support the goals of MnSCUs strategic plan and campus master plans.
- Utilize future-oriented technology to enhance teaching and learning.
- Contiguously locate compatible functions.

Based on these principles, the board adopted an order of priority for capital improvement projects as follows:

- Life Safety and Asset Preservation
- Program Enhancement
- Facility Revitalization
- Cooperative Ventures

The Science Initiative on these six campuses directly meets MnSCUs priorities number 1 through 3 (asset preservation, program enhancement and facility revitalization). It also supports four facility principles (focus on renewal, maximizing functionality, supporting master plans, and utilizing future-oriented technologies). All six college's master plans also support facility renewal, maximum functionality of space, and up-to-date classroom technologies.

Space Utilization and Enrollment:

These are renovation projects only, so the space utilization factor will not change as a result of funding this project, except that increasing flexibility will allow more utilization of some of the labs.

FY 2001-02 Enrollment for the five colleges is projected as follows:

College	FY 2001	FY 2002
Minnesota West	2,047 FYE	2,075 FYE
MSC -- Southeast TC	1,086 FYE	1,290 FYE
Minneapolis C&TC	4,432 FYE	4,830 FYE
South Central TC	2,552 FYE	2,450 FYE

Project Rationale and Predesign:

This project will reduce or eliminate the following *deferred maintenance* items:

- Mechanical reliability -- HVAC, air quality, and electrical systems
- Interior space restoration -- Interior finishes, fixtures, voice and data wiring, fume hoods, chemical resistant surfaces, plumbing and lighting
- Life safety and accessibility -- fire protection, egress, emergency lighting and handicapped accessibility

In 1998, MnSCU undertook an assessment of the condition of facilities at all 53 of its campuses. Areas inspected were: 1) structural integrity; 2) mechanical and plumbing systems; (3) laboratory service reliability; 4) electrical service; and 5) safety and accessibility. The assessment identified $498 million in deferred maintenance items, which informed this request.

This project focuses on the board's *priority on science and technology*: All six science lab renovations reflect the established priority of advancing programmatic enhancements related to science and technology, with its strategic link to workforce development. The pace of change in the sciences has outdistanced our ability to keep up with renovations to our teaching and learning spaces, particularly making the labs technologically "smart". This, and several other science initiatives, are attempts to meet a heavier demand for a workforce educated in the sciences in the most up-to-date fashion on the standard of equipment currently used in industry.

This project focuses on the Chancellor's *priority on the targeted industry partnership in nursing and allied health*: Minnesota has seen an explosion in the number of nursing and allied health job vacancies in the last few years. Nursing and allied health students are required to take between two and five science laboratory courses in pursuit of their degree. MnSCU colleges have made a decision to move their nursing and allied health students in the general science curriculum, thereby raising the bar on their A.A. and A.A.S. degree preparation. This has increased utilization of the science labs and caused science labs to be necessary at colleges that had no need prior to offering career-laddering nursing and allied health associate degree programs.

This project provides immediate *high impact user satisfaction to students*: Renovations of classrooms and laboratories where students spend so much of their on-campus time will have an immediate positive impact on the quality of the students' educational experience, particularly with the requested life safety and air quality improvements. The addition of voice and data cabling will support the change in educational delivery from close-ended problems with a known answer to open-ended problems that require more creativity and exploration from the students, most often working in teams using computers for automatic real-time data collection and plotting. Our entering students are coming from high school science labs that are higher quality, and that support creative scientific exploration better than our college labs.

This project will improve the over-all condition and *functionality of science laboratories* at MnSCU: Beginning in 1997, MnSCU undertook an assessment of the quality of laboratory spaces at 14 campuses in the metropolitan area colleges, and several state universities. The results of those assessments were that:

- average age of the science labs = 26.2 years; average weekly usage = 37.7 hours
- additional space was needed for fume hoods to improve safety, support space, and expansion of science programs due to student enrollment demand
- 60% had substandard chemical storage areas, and another 22% had no chemical storage facilities
- about one-third did not adequately support information technology
- about one-fourth of the 110 volt electrical systems were in poor condition
- most had inadequate HVAC systems for controlling air quality
- over one-half had poor furniture, cabinetry, and counter tops.

Four of those campuses have had major science lab additions and/or remodelings since that report was issued.

That functionality and condition assessment was expanded in 2000 to 10 additional Greater Minnesota two-year campuses, and one university. This assessment, and recommendations on current trends in lab configurations will be completed by September 2001. Predesign was completed in November 2001 and reviewed by MnSCU and Admin.

College Level Project Descriptions:

Minneapolis C&TC - MCTC will use $375,000 to renovate their organic chemistry lab in "C" building. MCTC has seen a dramatic increase in enrollments in degree programs requiring science courses. The organic chemistry lab needs replacement of exhaust hoods; cabinets, chemical resistant counters and sinks; lighting and ceiling tiles, as well as improvements in ventilation, plumbing, and voice/data wiring.

Minnesota West at Canby and Worthington - MnWest will use $277,000 to renovate their dental health careers lab at Canby, and make it a more flexible space to include Biology and Soil and Water course lab work as well. Allied dental careers is one of the most successful and growing programs at the Canby campus. The lab needs replacement or improvements in its dust collectors and ventilation system, cabinets and counters, flooring, electrical and voice/data wiring distribution system to achieve these goals.

MnWest will use $375,000 to re-align their science laboratories at Worthington for more efficient utilization. The current physics lab will be remodeled into the chemistry lab and the other two labs will be relocated in future phases. The purpose is to co-locate Chemistry and Biology to allow sharing of prep/storage space to reduce supply inventories and allow lab preparations to be stored. This

will allow other disciplines (i.e. Soil Science/Agronomy) to use the current laboratories thereby increasing utilization and raising the bar on academic standards for other science programs.

Southeast TC at Winona and Red Wing - MSC-SETC will use $386,000 at each of their campuses to turn existing general use classrooms into science laboratories. The college has added a general education requirement in the sciences for its degree programs, and seen growth in its allied health career programs, and needs facilities to offer biology, chemistry and physics courses to support both these developments. The college is proposing to adapt and re-use current space because the Paulien report indicated a classroom space surplus and a laboratory deficit.

South Central TC at Faribault - South Central will use $100,000 to upgrade their electrical distribution system, fire sprinklers, and counters, cabinets, and sinks in the medical technician lab. Faribault was found to have a higher than average amount of deferred maintenance in the 1999 survey, and this asset preservation project would remove a few important items from their inventory.

IMPACT ON AGENCY OPERATING BUDGETS (FACILITIES NOTES):

Since all six projects are renovations of current square footage only, there will be no significant increases in operating expenditures. The only increased expense will be marginal increases ($12,500 per year aggregate) in electrical power due to air quality improvements in the labs. There will be no need for additional FTE personnel.

OTHER CONSIDERATIONS:

Alternatives Analysis:
The legislature could appropriate monies through HEAPR for these interior space renovations of science laboratory facilities. With no additional monies, MnSCU will be trying to teach the skills of the future in facilities of the past with many maintenance and wear-and-tear problems that will require a lot of personnel time to try to keep patched up and operating. Perhaps the greatest problem with deferred maintenance in science labs is the lack of fresh air intake from antiquated HVAC systems that is a public safety issue for students and faculty.

Effect of Delay:
MnSCU colleges will be critically short of laboratory spaces in which to teach basic requirements to students pursuing nursing, allied health care and dental professions, as well as many other growing careers requiring a foundation in the sciences.

PROJECT CONTACT PERSON, TITLE, ADDRESS, PHONE, FAX, AND E-MAIL:

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Dollars in Thousands ($137,500 = $138)

TOTAL PROJECT COSTS All Years and All Funding Sources	Project Costs All Prior Years	Project Costs FY 2002-03	Project Costs FY 2004-05	Project Costs FY 2006-07	Project Costs All Years	Project Start (Month/Year)	Project Finish (Month/Year)
1. Property Acquisition							
Land, Land Easements, Options	$0	$0	$0	$0	$0		
Land and Buildings	0	0	0	0	0		
2. Predesign Fees	25	0	0	0	25	05/2001	10/2001
3. Design Fees							
Schematic	0	36	0	0	36	06/2002	07/2002
Design Development	0	0	0	0	0		
Contract Documents	0	72	278	278	628	08/2002	09/2002
Construction Administration	0	13	0	0	13	10/2002	02/2003
4. Project Management						10/2002	07/2003
State Staff Project Management	0	0	0	0	0		
Non-State Project Management	0	45	0	0	45		
Commissioning	0	0	0	0	0		
Other Costs	0	0	0	0	0		
5. Construction Costs						10/2002	07/2003
Site & Building Preparation	0	0	0	0	0		
Demolition/Decommissioning	0	25	0	0	25		
Construction	0	1,226	1,722	1,722	4,670		
Infrastructure/Roads/Utilities	0	0	0	0	0		
Hazardous Material Abatement	0	20	0	0	20		
Construction Contingency	0	127	0	0	127		
Other Costs	0	0	0	0	0		
6. One Percent for Art	0	0	0	0	0		
7. Relocation Expenses	0	0	0	0	0		
8. Occupancy						10/2002	07/2003
Furniture, Fixtures and Equipment	0	145	0	0	145		
Telecommunications (voice & data)	0	75	0	0	75		
Security Equipment	0	0	0	0	0		
Other Costs	0	0	0	0	0		
SUBTOTAL: (items 1 – 8)	25	1,784	2,000	2,000	5,809		
9. Inflation							
Midpoint of Construction		02/2003					
Inflation Multiplier		6.50%	0.00%	0.00%			
Inflation Cost		116	0	0	116		
GRAND TOTAL	$25	$1,900	$2,000	$2,000	$5,925		

Dollars in Thousands ($137,500 = $138)

CAPITAL FUNDING SOURCES	Prior Years	FY 2002-03	FY 2004-05	FY 2006-07	TOTAL
State Funds :					
G.O Bonds/State Bldgs	0	1,900	2,000	2,000	5,900
State Funds Subtotal	0	1,900	2,000	2,000	5,900
Agency Operating Budget Funds	25	0	0	0	25
Federal Funds	0	0	0	0	0
Local Government Funds	0	0	0	0	0
Private Funds	0	0	0	0	0
Other	0	0	0	0	0
TOTAL	**25**	**1,900**	**2,000**	**2,000**	**5,925**

CHANGES IN STATE OPERATING COSTS	Changes in State Operating Costs (Without Inflation)			
	FY 2002-03	FY 2004-05	FY 2006-07	FY 2008-09
Compensation -- Program and Building Operation	0	0	0	0
Other Program Related Expenses	0	25	25	25
Building Operating Expenses	0	0	0	0
Building Repair and Replacement Expenses	0	0	0	0
State-Owned Lease Expenses	0	0	0	0
Nonstate-Owned Lease Expenses	0	0	0	0
Expenditure Subtotal	0	25	25	25
Revenue Offsets	0	0	0	0
TOTAL CHANGES	0	25	25	25
Change in F.T.E. Personnel	0.0	0.0	0.0	0.0

SOURCE OF FUNDS FOR DEBT SERVICE PAYMENTS (for bond-financed projects only)	Amount	Percent of Total
General Fund	1,273	67.0%
User Financing	627	33.0%

STATUTORY AND OTHER REQUIREMENTS Project applicants should be aware that the following requirements will apply to their projects after adoption of the bonding bill.	
No	MS 16B.335 (1a): Construction/Major Remodeling Review (by Legislature)
Yes	MS 16B.335 (1b): Project Exempt From This Review (by Legislature)
No	MS 16B.335 (2): Other Projects (require legislative notification)
Yes	MS 16B.335 (3): Predesign Review Required (by Administration Dept)
Yes	MS 16B.335 (4): Energy Conservation Requirements
Yes	MS 16B.335 (5): Information Technology Review (by Office of Technology)
Yes	MS 16A.695: Public Ownership Required (as per Finance Dept.)
No	MS 16A.695: Use Agreement Required (as per Finance Dept)
No	MS 16A.695: Program Funding Review Required (by granting agency)
Yes	Matching Funds Required (as per agency request)
Yes	Project Cancellation in 2007 (as per Finance Dept)

Department of Administration Analysis:

The Strategic Planning and Systemwide presentations are concise and in complete compliance with the agencies long-range format with a programmed balance.

The premise of MnSCU to emphasize community, enrollment and science into their requests is paramount. By utilizing a balance of requested bonded monies with asset preservation and operating funds to modify existing facilities to meet long-range goals speaks highly of the thought placed in preparation of this request.

There is perhaps greater substantiated data listed in the individual requests from Metro colleges versus Greater Minnesota facilities however, the premise is definitely on science and technology. One area, "IT", really will assist Greater Minnesota campuses because of the more rural infrastructure however, the request for a new Metro State University Library and Technical Center in St. Paul is adjacent to the Connect Minnesota cable infrastructure that could expand that facility's outreach to the St. Paul Network and Capitol loops, then on to Minneapolis, St. Cloud, Alexandria, Fergus Falls and Moorhead. All are within a reach of that potential infrastructure.

Likewise, there are comments on ranges of costs and to make it clear I realize there are asset preservation monies being applied to a multitude of these projects and therefore take my comments as more of a "check and balance" not, a directive!

Department of Finance Analysis:

In June 1998 the MnSCU Board adopted seven principles that were to guide their capital budget development process. These principles led to a four-point order of priority for the 2002-03 capital program: 1) Life Safety and Asset Preservation 2) Program Enhancement 3) Facility Revitalization Replacement, and 4) Cooperative Ventures.

The MNSCU System has established a scoring system, similar to DOFs scoring system, to review and score each capital request. Up to 360 points are possible. These scores should reflect the degree to which the project meets the principles and order of priorities. Projects were grouped into tiers (i.e. every project with more than 200 points was put in the first tier).

This request is in MnSCUs top tier of projects based on their scoring analysis.

The strategic planning summary also notes the five criteria established by the legislature in the past bonding bill for prioritizing higher education bonding requests.

STATEWIDE STRATEGIC SCORE		
Criteria	**Values**	**Points**
Critical Life Safety Emergency - Existing Hazards	0/700	0
Critical Legal Liability - Existing Liability	0/700	0
Prior Binding Commitment	0/700	0
Strategic Linkage - Agency Six Year Plan	0/40/80/120	80
Safety/Code Concerns	0/35/70/105	35
Customer Service/Statewide Significance	0/35/70/105	70
Agency Priority	0/25/50/75/100	75
User and Non-State Financing	0-100	33
State Asset Management	0/20/40/60	20
State Operating Savings or Operating Efficiencies	0/20/40/60	0
Contained in State Six-Year Planning Estimates	0/25/50	0
Total	700 Maximum	313

There is little discussion of these criteria and how they are incorporated into the way MnSCU has prioritized their projects.

Many of the programs expected to be affected (nursing, biology, allied health, chemistry, and dental hygiene) are commonly perceived to be key fields in workforce development.

Governor's Recommendation:

The Governor recommends general obligation bonding of $1.9 million for this project, contingent upon a one-third debt service payment by MnSCU. Also included are budget planning estimates of $2 million in 2004 and $2 million in 2006.

2002 STATE APPROPRIATION REQUEST: $2,000,000

AGENCY PROJECT PRIORITY: 9 of 28

PROJECT LOCATION: Systemwide

PROJECT DESCRIPTION AND RATIONALE:

Purchase land when opportunities arise to obtain parcels adjacent to land-locked campuses from willing sellers. Current and immediate opportunities exist at Metro State University, St. Cloud State University and Vermilion Community College.

PROJECT RATIONALE AND RELATIONSHIP TO AGENCY LONG RANGE STRATEGIC PLAN AND CAPITAL PLAN:

The purchase of land is linked to MnSCUs four goals when there is a shortage of land that is required to accommodate goal related instructional programs, either through new building construction or use of the land itself for training purposes. To be good stewards for the state, we must also take advantage of opportunities to purchase land from willing sellers for future expansion at land-locked campuses.

Several colleges and universities are becoming land-locked because the land which was originally purchased for the institutions has been taken up with academic and support buildings, recreation and training fields, and parking. Over the years, the common practice has been to increase real estate holdings only where there has been a purpose. Consequently, as expansion has occurred in the communities where institutions are located, development has steadily been encroaching on the parcels surrounding the campuses. And increasingly the highest and best use of land next to campuses has changed from agricultural to commercial/industrial, pushing up land values.

As the campuses have expanded, more vehicle traffic has occurred in adjacent, private residential neighborhoods, and parking has been pushed onto city streets and into private parking areas. The neighbors have become increasingly less accepting of the situation. In addition, there has been steady commercial development around campus boundaries. The results are that traffic problems have exacerbated, and opportunities for inappropriate and incompatible land uses with higher education institutions has become a concern.

A pooled appropriation is more effective for MnSCU for the following reasons:

- Real estate offerings do not always coincide with legislative sessions. Occasionally, colleges and universities have to pass on a great opportunity because of time sequencing of the property offering and the ability to obtain authority, and/or funding from the legislature for the purchase.
- When separate appropriations are made, other colleges and universities do not have the ability to take advantage of appropriate land purchases because they have not been named in the appropriation.
- Institutions, by law, cannot enter into serious negotiations until the funds have been appropriated. Sellers have more negotiating leverage when they know the limits of the institutions' spending authority for purchasing property.

IMPACT ON STATE AGENCY OPERATING BUDGETS (FACILITIES NOTE):

When land is purchased but not immediately developed, there would be a minor budget impact related to maintenance of the property. Later costs could include demolition of existing buildings, if any, on the property.

OTHER CONSIDERATIONS:

When funds are not available, the state loses opportunities to purchase critical pieces of land for improving site access, parking, community relations and important building site potential. Through the improved process of individual campus master planning and board review, these potential sties are thoughtfully evaluated.

PROJECT CONTACT PERSON, TITLE, ADDRESS, PHONE, FAX, AND E-MAIL:

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Dollars in Thousands ($137,500 = $138)

TOTAL PROJECT COSTS All Years and All Funding Sources	Project Costs All Prior Years	Project Costs FY 2002-03	Project Costs FY 2004-05	Project Costs FY 2006-07	Project Costs All Years	Project Start (Month/Year)	Project Finish (Month/Year)
1. Property Acquisition							
Land, Land Easements, Options	$0	$2,000	$2,000	$2,000	$6,000		
Land and Buildings	0	0	0	0	0		
2. Predesign Fees	0	0	0	0	0		
3. Design Fees							
Schematic	0	0	0	0	0		
Design Development	0	0	0	0	0		
Contract Documents	0	0	0	0	0		
Construction Administration	0	0	0	0	0		
4. Project Management							
State Staff Project Management	0	0	0	0	0		
Non-State Project Management	0	0	0	0	0		
Commissioning	0	0	0	0	0		
Other Costs	0	0	0	0	0		
5. Construction Costs							
Site & Building Preparation	0	0	0	0	0		
Demolition/Decommissioning	0	0	0	0	0		
Construction	0	0	0	0	0		
Infrastructure/Roads/Utilities	0	0	0	0	0		
Hazardous Material Abatement	0	0	0	0	0		
Construction Contingency	0	0	0	0	0		
Other Costs	0	0	0	0	0		
6. One Percent for Art	0	0	0	0	0		
7. Relocation Expenses	0	0	0	0	0		
8. Occupancy							
Furniture, Fixtures and Equipment	0	0	0	0	0		
Telecommunications (voice & data)	0	0	0	0	0		
Security Equipment	0	0	0	0	0		
Other Costs	0	0	0	0	0		
SUBTOTAL: (items 1 – 8)	0	2,000	2,000	2,000	6,000		
9. Inflation							
Midpoint of Construction							
Inflation Multiplier		0.00%	0.00%	0.00%			
Inflation Cost		0	0	0	0		
GRAND TOTAL	$0	$2,000	$2,000	$2,000	$6,000		

Dollars in Thousands ($137,500 = $138)

CAPITAL FUNDING SOURCES	Prior Years	FY 2002-03	FY 2004-05	FY 2006-07	TOTAL
State Funds :					
G.O Bonds/State Bldgs	0	2,000	2,000	2,000	6,000
State Funds Subtotal	0	2,000	2,000	2,000	6,000
Agency Operating Budget Funds	0	0	0	0	0
Federal Funds	0	0	0	0	0
Local Government Funds	0	0	0	0	0
Private Funds	0	0	0	0	0
Other	0	0	0	0	0
TOTAL	**0**	**2,000**	**2,000**	**2,000**	**6,000**

CHANGES IN STATE OPERATING COSTS	Changes in State Operating Costs (Without Inflation)			
	FY 2002-03	FY 2004-05	FY 2006-07	FY 2008-09
Compensation -- Program and Building Operation	0	0	0	0
Other Program Related Expenses	0	0	0	0
Building Operating Expenses	0	0	0	0
Building Repair and Replacement Expenses	0	0	0	0
State-Owned Lease Expenses	0	0	0	0
Nonstate-Owned Lease Expenses	0	0	0	0
Expenditure Subtotal	0	0	0	0
Revenue Offsets	0	0	0	0
TOTAL CHANGES	0	0	0	0
Change in F.T.E. Personnel	0.0	0.0	0.0	0.0

SOURCE OF FUNDS FOR DEBT SERVICE PAYMENTS (for bond-financed projects only)	Amount	Percent of Total
General Fund	1,340	67.0%
User Financing	660	33.0%

STATUTORY AND OTHER REQUIREMENTS Project applicants should be aware that the following requirements will apply to their projects after adoption of the bonding bill.	
No	MS 16B.335 (1a): Construction/Major Remodeling Review (by Legislature)
Yes	MS 16B.335 (1b): Project Exempt From This Review (by Legislature)
No	MS 16B.335 (2): Other Projects (require legislative notification)
Yes	MS 16B.335 (3): Predesign Review Required (by Administration Dept)
Yes	MS 16B.335 (4): Energy Conservation Requirements
Yes	MS 16B.335 (5): Information Technology Review (by Office of Technology)
Yes	MS 16A.695: Public Ownership Required (as per Finance Dept.)
No	MS 16A.695: Use Agreement Required (as per Finance Dept)
No	MS 16A.695: Program Funding Review Required (by granting agency)
Yes	Matching Funds Required (as per agency request)
Yes	Project Cancellation in 2007 (as per Finance Dept)

Department of Administration Analysis:

NA

Department of Finance Analysis:

In June 1998 the MnSCU Board adopted seven principles that were to guide their capital budget development process. These principles led to a four-point order of priority for the 2002-03 capital program: 1) Life Safety and Asset Preservation 2) Program Enhancement 3) Facility Revitalization Replacement, and 4) Cooperative Ventures.

The MNSCU System has established a scoring system, similar to DOFs scoring system, to review and score each capital request. Up to 360 points are possible. These scores should reflect the degree to which the project meets the principles and order of priorities. Projects were grouped into tiers (i.e. every project with more than 200 points was put in the first tier).

The strategic planning summary also notes the five criteria established by the legislature in the past bonding bill for prioritizing higher education bonding requests. There is little discussion of these criteria and how they are incorporated into the way MnSCU has prioritized their projects.

Capital budget tails for this request are not specified, though it would seem likely there will be additional development costs resulting from this request.

Governor's Recommendation:

The Governor does not recommend capital funding for this request.

STATEWIDE STRATEGIC SCORE		
Criteria	**Values**	**Points**
Critical Life Safety Emergency - Existing Hazards	0/700	0
Critical Legal Liability - Existing Liability	0/700	0
Prior Binding Commitment	0/700	0
Strategic Linkage - Agency Six Year Plan	0/40/80/120	40
Safety/Code Concerns	0/35/70/105	0
Customer Service/Statewide Significance	0/35/70/105	35
Agency Priority	0/25/50/75/100	75
User and Non-State Financing	0-100	33
State Asset Management	0/20/40/60	0
State Operating Savings or Operating Efficiencies	0/20/40/60	0
Contained in State Six-Year Planning Estimates	0/25/50	25
Total	700 Maximum	208

2002 STATE APPROPRIATION REQUEST: $850,000

AGENCY PROJECT PRIORITY: 10 of 28

PROJECT LOCATION: Bemidji

PROJECT DESCRIPTION AND RATIONALE:

Design for Phase 2 of the NWTC-BSU co-location project completes the Minnesota Institute for Integrated Learning, Emerging Technologies, and Applied Research. Construction will be requested in 2004 and in 2006. The project may include:

- Completion of the Center for Advanced and Emerging Technologies (approximately 25,000 SF).
- Renovation of 33,000 GSF of existing Bridgeman Hall on the BSU campus into a co-located Health Sciences facility offering career laddering from LPN to associate degree nursing to baccalaureate degree nursing; construction funds to be requested in 2004.
- Design for co-locating the remainder of NWTC programs onto the BSU campus - construction funds to be requested in 2006.

PROJECT RATIONALE AND RELATIONSHIP TO AGENCY LONG RANGE STRATEGIC PLAN AND CAPITAL PLAN:

This project represents a collaborative approach to increased educational access and fused learning that realizes a significant goal in the creation of MnSCU, namely, the development of a new higher education model designed to meet future learner needs. This co-location represents a new educational culture that enables:

- Life-long learning anywhere and at any time.
- Bridging the gap between applications-based learning and development of higher order thinking skills.
- Preparing learners capable of meeting the challenges faced by enterprise and society in the 21st century.

Course offerings at both institutions are developed jointly ensuring maximum use of common spaces, laboratories, and classrooms. Relationships with leaders in business and industry will ensure that programming will meet current and projected employee requirements in technology and health care fields.

MnSCU Strategic Plan:
The institute's project goals support three of the MnSCU Board's strategic goals as follows:

Student Success - extends and expands access to continuous learning connections through shared instructional capacities.
Institutional Excellence and Quality - Provides faculty development opportunities that support excellence in curriculum renewal, learning outcomes, and applied research.
System Leadership - Continues partnership development with enterprise to enhance economic growth and rural revitalization.

Bemidji State University/Northwest Technical College Bemidji Master Plans:

The project is included in the long-range master academic plans and master facilities plans of both institutions. The inter-institutional master plan was developed in 1994, and updated in 2000.

The creation of six Integrated Learning Centers, shared between the schools, is the core of the model. A goal of each center is to design programs and services that embrace the sharing and leveraging of skills, knowledge, and resources. The expected result is a shift in educational culture to better anticipate and meet demands for new levels of convenience, customization, timeliness, and responsiveness. The project is designed to support the shared institutional strategic objectives of:

- improving learner access to high quality learning experiences
- increasing the diversity of learners
- developing increased support through partnerships and alliances
- encouraging varied educational experiences beyond the classroom
- incorporating new and emerging technologies into learning and educational delivery
- recognizing the increasing importance of a commitment to life-long learning
- contributing to improvements in social and economic development
- meeting workforce needs in technology and healthcare

Enrollment and Space Utilization:

Northwest Technical College-Bemidji has an enrollment of 530 FYE. Bemidji State University has an enrollment of 4,252 FYE. BSU has experienced enrollment growth each of the past two-years. It is anticipated that both institutions will realize enrollment increases because of this project, including enrollment gains in non-credit, customized and specialized courses.

FYE Enrollment	1999	2001	2003 Projected
Bemidji SU	3,989	4,252	4,344
NWTC Bemidji	424	530	560

The space utilization study at both institutions indicates a need for more flexible and adaptable classrooms and laboratories. The co-location project will decommission the entire Northwest Technical College-Bemidji campus, and remodel a university academic building to afford co-location of all health programs and both institutions. Existing spaces on the BSU campus not presently fully utilized will be upgraded to reduce the necessity of new construction and maximize efficient use of resources.

Project Rationale and Pre-design:

Predesign work was initiated in 1994 with a $300,000 legislative appropriation. In 1998, an additional $1 million legislative appropriation was approved for design. Most recently, the 2000 legislature appropriated $5 million for Phase 1 construction. Phase 1 focuses on development of a shared laboratory for the Center for Advanced and Emerging Technologies. The laboratories accommodate the needs of the applied instructional programs from both institutions through the sharing of equipment, technology and learning spaces.

Phase 2 completes construction of the Center for Advanced and Emerging Technologies, remodels Bridgeman Hall into a joint Nursing and Allied Health Center, and physically co-locates the campuses. MnSCU objectives of workforce training, emphasis on technology, collaborative offerings, shared expenses, enrollment growth, and ease of transfer will be advanced by this project.

IMPACT ON STATE AGENCY OPERATING BUDGETS (FACILITIES NOTE):

The completed project total impact on the shared operating budget is estimated to be $325,000 annually. Because existing BSU facilities will be shared, and because NTC Bemidji's current campus will be decommissioned, there will be substantial reductions in current expenses at both institutions to offset the increased costs.

Deferred maintenance of $1,479,000 in the 33,000 SF of Bridgeman Hall will be reduced to $0 and will preserve these assets well into the future. Deferred maintenance of the NTC-Bemidji campus in the amount of $3,425,000 will be reduced to $0 due to the decommissioning of the entire campus. All life safety and code violations in Bridgeman Hall will be corrected.

OTHER CONSIDERATIONS:

Site Selection Alternatives:

The Institute will be sited on open property next to Bangsburg Hall on the south end of the campus. The BSU Master Facilities Plan identifies the location and addresses parking, access and growth issues. The remodeling portion of this project will be in Bridgeman Hall.

Non-state Funding:

Donations have been and will continue to be requested for industry standard equipment for use in this facility. Discussions are taking place with business and industry leaders in North Central Minnesota regarding donations of technology equipment.

Consequences of Delayed Funding:

The student learners will lose an educational opportunity for the future, legislative momentum will be lost, students and faculty will continue to work in outmoded and dangerous laboratories, and business and industry will lose the human capital necessary to succeed in Northern Minnesota.

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Minnesota State Colleges & Universities
Bemidji SU/NWTC Co-Location Design

AGENCY CAPITAL BUDGET REQUEST
Fiscal Years 2002-2007
Dollars in Thousands ($137,500 = $138)

Project Cost

TOTAL PROJECT COSTS All Years and All Funding Sources	**Project Costs** All Prior Years	**Project Costs** FY 2002-03	**Project Costs** FY 2004-05	**Project Costs** FY 2006-07	**Project Costs** All Years	**Project Start** (Month/Year)	**Project Finish** (Month/Year)
1. Property Acquisition							
Land, Land Easements, Options	$0	$0	$0	$0	$0		
Land and Buildings	0	0	0	0	0		
2. Predesign Fees	445	0	0	0	445	11/1999	03/2002
3. Design Fees							
Schematic	380	125	0	0	505	07/2002	06/2003
Design Development	195	170	0	0	365	07/2003	03/2004
Contract Documents	230	340	0	0	570	04/2004	08/2004
Construction Administration	100	215	0	0	315	09/2004	12/2004
4. Project Management						01/2005	05/2006
State Staff Project Management	0	0	0	0	0		
Non-State Project Management	0	0	220	100	320		
Commissioning	25	0	44	0	69		
Other Costs	0	0	0	0	0		
5. Construction Costs						01/2005	05/2006
Site & Building Preparation	50	0	0	65	115		
Demolition/Decommissioning	0	0	180	0	180		
Construction	4,300	0	7,040	3,520	14,860		
Infrastructure/Roads/Utilities	50	0	0	0	50		
Hazardous Material Abatement	0	0	86	0	86		
Construction Contingency	82	0	212	255	549		
Other Costs	0	0	0	0	0		
6. One Percent for Art	43	0	70	35	148		
7. Relocation Expenses	0	0	0	0	0		
8. Occupancy						01/2005	05/2006
Furniture, Fixtures and Equipment	350	0	535	0	885		
Telecommunications (voice & data)	25	0	120	0	145		
Security Equipment	25	0	48	0	73		
Other Costs	0	0	0	0	0		
SUBTOTAL: (items 1 – 8)	6,300	850	8,555	3,975	19,680		
9. Inflation							
Midpoint of Construction			06/2005	04/2007			
Inflation Multiplier		0.00%	16.90%	25.80%			
Inflation Cost		0	1,446	1,026	2,472		
GRAND TOTAL	$6,300	$850	$10,001	$5,001	$22,152		

Dollars in Thousands ($137,500 = $138)

CAPITAL FUNDING SOURCES	Prior Years	FY 2002-03	FY 2004-05	FY 2006-07	TOTAL
State Funds :					
G.O Bonds/State Bldgs	6,300	850	10,000	5,000	22,150
State Funds Subtotal	6,300	850	10,000	5,000	22,150
Agency Operating Budget Funds	0	0	0	0	0
Federal Funds	0	0	0	0	0
Local Government Funds	0	0	0	0	0
Private Funds	0	0	0	0	0
Other	0	0	0	0	0
TOTAL	**6,300**	**850**	**10,000**	**5,000**	**22,150**

CHANGES IN STATE OPERATING COSTS	Changes in State Operating Costs (Without Inflation)			
	FY 2002-03	FY 2004-05	FY 2006-07	FY 2008-09
Compensation -- Program and Building Operation	0	0	0	236
Other Program Related Expenses	0	0	0	0
Building Operating Expenses	0	0	0	372
Building Repair and Replacement Expenses	0	0	0	0
State-Owned Lease Expenses	0	0	0	0
Nonstate-Owned Lease Expenses	0	0	0	0
Expenditure Subtotal	0	0	0	608
Revenue Offsets	0	0	0	0
TOTAL CHANGES	0	0	0	608
Change in F.T.E. Personnel	0.0	0.0	0.0	6.5

PREVIOUS STATE CAPITAL APPROPRIATIONS FOR THIS PROJECT (Legal Citations) Laws of Minnesota (year), Chapter, Section, Subdivision	Amount
Laws of Minn 2000, Chap 492, Art I, Sec 3, subd 5, Emerging Tech Ctr	5,000
Laws of Minn 1998, Chap 404, Sec 3, subd 5, Design Co-Location	1,000
Laws of Minn 1994, Chap 643, Sec 3, subd 3, Predesign Co-Location	300
TOTAL	**6,300**

SOURCE OF FUNDS FOR DEBT SERVICE PAYMENTS (for bond-financed projects only)	Amount	Percent of Total
General Fund	570	67.0%
User Financing	280	33.0%

STATUTORY AND OTHER REQUIREMENTS

Project applicants should be aware that the following requirements will apply to their projects after adoption of the bonding bill.

Yes	MS 16B.335 (1a): Construction/Major Remodeling Review (by Legislature)
No	MS 16B.335 (1b): Project Exempt From This Review (by Legislature)
No	MS 16B.335 (2): Other Projects (require legislative notification)
Yes	MS 16B.335 (3): Predesign Review Required (by Administration Dept)
Yes	MS 16B.335 (4): Energy Conservation Requirements
Yes	MS 16B.335 (5): Information Technology Review (by Office of Technology)
Yes	MS 16A.695: Public Ownership Required (as per Finance Dept.)
No	MS 16A.695: Use Agreement Required (as per Finance Dept)
No	MS 16A.695: Program Funding Review Required (by granting agency)
Yes	Matching Funds Required (as per agency request)
Yes	Project Cancellation in 2007 (as per Finance Dept)

Department of Administration Analysis:

The Strategic Planning and Systemwide presentations are concise and complete compliance with the agencies long-range format with a programmed balance.

The premise of MnSCU to emphasize community, enrollment and science into their requests is paramount. By utilizing a balance of requested bonded monies with asset preservation and operating funds to modify existing facilities to meet long-range goals speaks highly of the thought placed in preparation of this request.

There is perhaps greater substantiated data listed in the individual requests from Metro colleges versus Greater Minnesota facilities however, the premise is definitely on science and technology. One area, "IT", really will assist Greater Minnesota campuses because of the more rural infrastructure however, the request for a new Metro State University Library and Technical Center in St. Paul is adjacent to the Connect Minnesota cable infrastructure that could expand that facility's outreach to the St. Paul Network and Capitol loops, then on to Minneapolis, St. Cloud, Alexandria, Fergus Falls, and Moorhead. All are within a reach of that potential infrastructure.

The predesign comes out to almost a 3% fee versus the standard one-half of 1%. The square footage and costs are incomplete.

Department of Finance Analysis:

This project is in the 2nd tier of MnSCU projects according to their scoring analysis, but is a higher MnSCU priority than a number of other projects with greater scores.

Increases to operating costs are not specified or quantified.

Bemidji State's financial reserves at the end of FY 2001 were only .8% of their previous year's operating revenues, and less than half of what they'd been the previous year. This is the third lowest percent of reserves in the MnSCU system. Additionally, their enrollment growth from FY 2000 to FY 2002 was just 4.7%, the lowest among state universities. The MnSCU 2001 Space Utilization Study found that Bemidji has a 13% surplus of space.

From the narrative, it is not certain that Bemidji State has concluded which building(s) need to be remodeled to accommodate their academic needs.

Governor's Recommendation:

The Governor does not recommend capital funding for this request.

STATEWIDE STRATEGIC SCORE		
Criteria	**Values**	**Points**
Critical Life Safety Emergency - Existing Hazards	0/700	0
Critical Legal Liability - Existing Liability	0/700	0
Prior Binding Commitment	0/700	0
Strategic Linkage - Agency Six Year Plan	0/40/80/120	40
Safety/Code Concerns	0/35/70/105	0
Customer Service/Statewide Significance	0/35/70/105	35
Agency Priority	0/25/50/75/100	75
User and Non-State Financing	0-100	33
State Asset Management	0/20/40/60	0
State Operating Savings or Operating Efficiencies	0/20/40/60	0
Contained in State Six-Year Planning Estimates	0/25/50	25
Total	700 Maximum	208

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2002 STATE APPROPRIATION REQUEST: $400,000

AGENCY PROJECT PRIORITY: 11 of 28

PROJECT LOCATION: Moorhead

PROJECT DESCRIPTION AND RATIONALE:

Design, through construction documents, the new construction of 20,000 GSF of allied health and applied technology laboratory and support facilities, and the renovation of 15,000 GSF of existing facilities. This project is a combination of asset preservation, new construction, technology upgrade, and life safety and code compliance renovation.

Construction funds will be requested in 2004.

MnSCU Strategic Plan:
The project goals and strategic objectives support three of the MnSCU goals as set forth in the 2002 Capital Budget Guidelines:

- *Student Success* – Students at NTC-Moorhead will have the opportunity to achieve their educational and career goals through high quality learning and support services matched to their talents and abilities.
- *Institutional Excellence and Quality* – NTC-Moorhead will provide programs and services that are nationally and internationally competitive, high quality, future-oriented, focused on and accountable to the needs of students, employers and the community. Facilities will align to the career goals of students and the workplace needs of communities and businesses.
- *System Leadership* - NTC will provide leadership that recognizes and capitalizes on the diversity and accessibility of its college, and creates and sustains an organization that excels in providing higher education for Minnesota's future.

Northwest Technical College Master Plan:

The NTC master facilities plan is near completion. Strategic objectives of the master academic and facilities plans are as follows:

- Achieve economy and efficiency in the location of facilities.
- Be flexible to adapt to changing academic needs.
- Utilize existing campus resources to the fullest.
- Ensure the suitability and functionality of the facilities.
- Promote infill construction and respond to climatic conditions.
- Provide opportunities for increased interaction between academic disciplines.

Enrollment and Space Utilization:

Northwest Technical College-Moorhead has a full-time equivalent enrollment of approximately 1,214 students. This institution has experienced enrollment growth in each of the past few years. Current estimates suggest that within two years of the completion of each phase of the project, enrollment will conservatively increase by 300 FTE. In addition, enrollment in non-credit courses is expected to increase by at least 200% within the same time frame.

Moorhead TC	FY 1999	FY 2001	FY 2003
FYE	1,067	1,282	1,355 (Projected)

The space utilization study indicates a space deficit of 36% and the need for more flexible and adaptable classrooms and laboratories. To this end NTC-Moorhead has begun non-traditional programs and courses offered exclusively evenings and weekends.

The 36% space deficit on this campus equates to a space shortage of 42,561 square feet. This project is the continuation of correcting that deficit. Growth of student population at Moorhead is hampered by a shortage of space.

Project Rationale and Predesign:

NWTC – Moorhead is overcrowded; the college has 87 assignable square feet (ASF) per student. Compare this to the average of 139 ASF per student for the other MnSCU technical colleges and 111 ASF per student overall within the entire MnSCU system. Since the laboratory spaces in technical colleges are usually larger because of the larger equipment, i.e. cars, trucks, heavy equipment, etc, an equitable comparison to community colleges masks a larger space deficit problem.

NWTC – Moorhead boasts a utilization rate of 63% for 30 hours per week in its classrooms, and 72% for 22 hours in its laboratories. This compares to a MnSCU guideline of 62% utilization for 26 hours a week in classrooms and 71% for 20 hours in laboratories. NWTC schedules classes for longer hours in the day and assigns smaller student station spaces than recommended for technical education. Again, meeting these system averages for community colleges and state universities masks a larger deficit problem in meeting the unique goals of technical and vocational education. Moorhead is overcrowded.

The Facilities Condition Assessment report has suggested a major project to correct deficiencies in the institutional facilities. Constructing a new facility will remove existing hazards and code violations and result in more efficient asset management and operational savings. A plan of additions that will allow space to be made available for renovations has been established. That plan will free the entire campus of deficiencies over a 10 year planning and funding cycle. Deferred

maintenance of $466,000 in 15,000 SF of renovated facilities will be reduced to $0 and will preserve these assets well into the future. Asset preservation work in Phase 2 will include life safety and code compliance, ADA compliance, and replacement/repair of HVAC (ventilation) and plumbing.

The new structure will allow the relocation of academic programs for better program alignment and synergy by having similar programs adjacent to each other.

This project also provides the highest degree of technology available to the students to assist in their success in the world of changing technology, in line with NWTC's strategic goal of ensuring the functionality of classroom and lab spaces.

The Phase 1 predesign has been completed and approved by MnSCU and Admin. The Phase 2 predesign was reviewed at 25% by MnSCU in May 2001. The completed phase 2 predesign report is in process.

IMPACT ON STATE AGENCY OPERATING BUDGETS (FACILITIES NOTE):

The project addition will add approximately $58,000 to operating expenses annually each year. It is expected that the renovation portion of the project will result in efficiencies that will offset about 25% of those costs. It will be necessary to add 0.5 general maintenance FTE's at an annual cost of $40,000 for a total yearly increase of $85,000.

OTHER CONSIDERATIONS:

Site Selection Alternatives:
An addition to the current building is the only logical site alternative, as the land is already owned and the MnSCU Board of Trustees has a policy of contiguously attaching buildings to increase future flexibility whenever feasible.

Non-state Funding:
NWTC has adopted a policy of applying for equipment grants for industry standard equipment for use in all new facilities as part of a program to fund a portion of capital projects with non-state funding.

Consequences of Delayed Funding:
NWTC will not be in a position of serving its students to the high standards set by the goals of the MnSCU Board of Trustees.

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Minnesota State Colleges & Universities
NWTC Moorhead - Health & Appl Tech Addition

AGENCY CAPITAL BUDGET REQUEST
Fiscal Years 2002-2007
Dollars in Thousands ($137,500 = $138)

Project Cost

TOTAL PROJECT COSTS All Years and All Funding Sources	**Project Costs** All Prior Years	**Project Costs** FY 2002-03	**Project Costs** FY 2004-05	**Project Costs** FY 2006-07	**Project Costs** All Years	**Project Start** (Month/Year)	**Project Finish** (Month/Year)
1. Property Acquisition							
Land, Land Easements, Options	$0	$0	$0	$0	$0		
Land and Buildings	0	0	0	0	0		
2. Predesign Fees	25	0	0	0	25	07/2000	03/2002
3. Design Fees							
Schematic	0	80	0	0	80	11/2002	06/2003
Design Development	0	100	0	0	100	07/2003	03/2004
Contract Documents	0	120	0	0	120	04/2004	08/2004
Construction Administration	0	100	0	0	100	08/2004	10/2004
4. Project Management						09/2004	01/2006
State Staff Project Management	0	0	0	0	0		
Non-State Project Management	0	0	88	0	88		
Commissioning	0	0	22	0	22		
Other Costs	0	0	0	0	0		
5. Construction Costs						10/2004	01/2006
Site & Building Preparation	0	0	52	0	52		
Demolition/Decommissioning	0	0	0	0	0		
Construction	0	0	3,700	0	3,700		
Infrastructure/Roads/Utilities	0	0	0	0	0		
Hazardous Material Abatement	0	0	22	0	22		
Construction Contingency	0	0	106	0	106		
Other Costs	0	0	0	0	0		
6. One Percent for Art	0	0	37	0	37		
7. Relocation Expenses	0	0	0	0	0		
8. Occupancy						10/2004	01/2006
Furniture, Fixtures and Equipment	0	0	184	0	184		
Telecommunications (voice & data)	0	0	70	0	70		
Security Equipment	0	0	22	0	22		
Other Costs	0	0	0	0	0		
SUBTOTAL: (items 1 – 8)	25	400	4,303	0	4,728		
9. Inflation							
Midpoint of Construction			04/2005				
Inflation Multiplier		0.00%	16.20%	0.00%			
Inflation Cost		0	697	0	697		
GRAND TOTAL	$25	$400	$5,000	$0	$5,425		

Dollars in Thousands ($137,500 = $138)

CAPITAL FUNDING SOURCES	Prior Years	FY 2002-03	FY 2004-05	FY 2006-07	TOTAL
State Funds :					
G.O Bonds/State Bldgs	0	400	5,000	0	5,400
State Funds Subtotal	0	400	5,000	0	5,400
Agency Operating Budget Funds	25	0	0	0	25
Federal Funds	0	0	0	0	0
Local Government Funds	0	0	0	0	0
Private Funds	0	0	0	0	0
Other	0	0	0	0	0
TOTAL	**25**	**400**	**5,000**	**0**	**5,425**

CHANGES IN STATE OPERATING COSTS	Changes in State Operating Costs (Without Inflation)			
	FY 2002-03	FY 2004-05	FY 2006-07	FY 2008-09
Compensation -- Program and Building Operation	0	0	45	60
Other Program Related Expenses	0	0	0	0
Building Operating Expenses	0	0	90	116
Building Repair and Replacement Expenses	0	0	0	0
State-Owned Lease Expenses	0	0	0	0
Nonstate-Owned Lease Expenses	0	0	0	0
Expenditure Subtotal	0	0	135	176
Revenue Offsets	0	0	0	0
TOTAL CHANGES	0	0	135	176
Change in F.T.E. Personnel	0.0	0.0	0.5	1.0

SOURCE OF FUNDS FOR DEBT SERVICE PAYMENTS (for bond-financed projects only)	Amount	Percent of Total
General Fund	268	67.0%
User Financing	132	33.0%

STATUTORY AND OTHER REQUIREMENTS Project applicants should be aware that the following requirements will apply to their projects after adoption of the bonding bill.	
Yes	MS 16B.335 (1a): Construction/Major Remodeling Review (by Legislature)
No	MS 16B.335 (1b): Project Exempt From This Review (by Legislature)
No	MS 16B.335 (2): Other Projects (require legislative notification)
Yes	MS 16B.335 (3): Predesign Review Required (by Administration Dept)
Yes	MS 16B.335 (4): Energy Conservation Requirements
Yes	MS 16B.335 (5): Information Technology Review (by Office of Technology)
Yes	MS 16A.695: Public Ownership Required (as per Finance Dept.)
No	MS 16A.695: Use Agreement Required (as per Finance Dept)
No	MS 16A.695: Program Funding Review Required (by granting agency)
Yes	Matching Funds Required (as per agency request)
Yes	Project Cancellation in 2007 (as per Finance Dept)

Department of Administration Analysis:

The Strategic Planning and Systemwide presentations are concise and in complete compliance with the agencies long-range format with a programmed balance.

The premise of MnSCU to emphasize community, enrollment and science into their requests is paramount. By utilizing a balance of requested bonded monies with asset preservation and operating funds to modify existing facilities to meet long-range goals speaks highly of the thought placed in preparation of this request.

There is perhaps greater substantiated data listed in the individual requests from Metro colleges versus Greater Minnesota facilities however, the premise is definitely on science and technology. One area, "IT", really will assist Greater Minnesota campuses because of the more rural infrastructure however, the request for a new Metro State University Library and Technical Center in St. Paul is adjacent to the Connect Minnesota cable infrastructure that could expand that facility's outreach to the St. Paul Network and Capitol loops, then on to Minneapolis, St. Cloud, Alexandria, Fergus Falls, and Moorhead. All are within a reach of that potential infrastructure.

Department of Finance Analysis:

A small increase ($135,000 per biennium) in operating costs is indicated, though with the addition of 20,000 sq. ft., it might be expected that the operating costs may increase more than that.

Northwest Technical College's enrollment growth from FY 2000 to FY 2002, as of October 2001, was only 4.7%, compared to a systemwide average of 7.9% and technical college average of 7.7%. Additionally, their reserves at the end of FY 2001 were only 3.5% of general operating revenues, the second lowest of all technical colleges. According to the 2001 MnSCU Space Utilization Study, there is a 36% space deficit at NWTC-Moorhead.

Governor's Recommendation:

The Governor does not recommend capital funding for this request.

STATEWIDE STRATEGIC SCORE		
Criteria	**Values**	**Points**
Critical Life Safety Emergency - Existing Hazards	0/700	0
Critical Legal Liability - Existing Liability	0/700	0
Prior Binding Commitment	0/700	0
Strategic Linkage - Agency Six Year Plan	0/40/80/120	40
Safety/Code Concerns	0/35/70/105	35
Customer Service/Statewide Significance	0/35/70/105	35
Agency Priority	0/25/50/75/100	75
User and Non-State Financing	0-100	33
State Asset Management	0/20/40/60	20
State Operating Savings or Operating Efficiencies	0/20/40/60	0
Contained in State Six-Year Planning Estimates	0/25/50	50
Total	700 Maximum	288

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2002 STATE APPROPRIATION REQUEST: $10,000,000

AGENCY PROJECT PRIORITY: 12 of 28

PROJECT LOCATION: St. Cloud State

PROJECT DESCRIPTION AND RATIONALE:

This is Phase 1 of a two-part request to:

- Design, remodel, furnish and equip Phase 1 of a renovation/conversion of 105,000 GSF of the 161,939 GSF Centennial Hall from library to classroom/office use for the G.R. Herberger College of Business, English Department, the Center for Student Success and the MnSCU Regional Administrative Computing Center.

- Design the renovation of the remaining 56,939 GSF of Centennial Hall.

- Design the code correction and renovation of 28,128 GSF of Riverview Hall. The Speech Communications Department will be located in Riverview.

The English Department is currently housed in Riverview and will move to Centennial following that remodeling project. Construction dollars will be requested in 2004 to complete renovation of Centennial and for all of the renovation work in Riverview.

PROJECT RATIONALE AND RELATIONSHIP TO AGENCY LONG RANGE STRATEGIC PLAN AND CAPITAL PLAN:

MnSCU Strategic Plan:
Student Success: (1) The Centennial remodel is specifically intended to provide a Center for Student Success incorporating various academic and career support services in a single integrated location. (2) The Riverview remodel is designed to provide first quality instructional space in the most historic building on campus, which has become of marginal utility since it was built in 1911 as an elementary school.

Institutional Excellence and Quality: (1) The Centennial project will enhance our nationally accredited G.R. Herberger College of Business and the English Department, which is at the foundation of all our degree programs, by providing appropriate space for these programs. (2) The Riverview project will enhance institutional space physically and provide for appropriate instructional technology that can only be used marginally now in the 90-year-old Riverview building.

System Leadership: (1) St. Cloud is demonstrating leadership by hosting the regional computing center that provides computer network support and web servers to the entire central region (about one-quarter of the state) on its campus. The regional computing center supports the central region Integrated Student Record System. This center makes production and distribution of rural distance education possible through its network support to college and university libraries. In the new competitive environment for higher education, this type of leadership is critical for MnSCU.

St. Cloud State University Master Plan:

These renovations are the "linchpin" of the University's plan for improved facilities utilization. This Mater Facilities Plan springs from the University's Strategic Plan initiatives of:

- academic excellence and
- service to students and community

By effectively using these spaces we are able to free space elsewhere on campus to meet the instructional needs of our current and projected student body.

The renovation of Centennial Hall will allow related departments and programs to be co-located throughout the campus. It will allow the Speech Communication department, currently located in the Math Science Building, to be located near the English department in Riverview. Moving the Business School, which has outgrown its current space, to Centennial Hall will allow related Social Studies departments that are currently scattered to consolidate in space vacated by the Business School. The Centennial renovation will also allow the creation of a central and accessible Center for Student Success from several scattered and disjointed student support services, namely, the Writing Lab, the Math Lab, and the Study Center.

Enrollment and Space Utilization:

Enrollment at St. Cloud State University has been on an increasing trend since FY 1999 when FYE enrollment was 11,962. FY 2001 enrollment was 13,175 and is expected to continue increasing to 14,900 in FY 2005 while at the same time increasing the quality and diversity of our student body. SCSU educates about 10% of the total full-time equivalent enrollment at MnSCU.

SCSU	FY 1999	FY 2001	FY 2002
FYE	11,962	13,175	13,984 (Projected)

The 2001 MnSCU space utilization study indicated St. Cloud State University has a 20% deficit in classrooms, 28% deficit in teaching laboratories, and 37% deficit in student services. The overall space deficit campuswide will grow to 34% by 2006. Thus, there is a demonstrated need for the additional classroom and service space Centennial and Riverview Halls would afford the campus.

Maximizing use of Centennial and Riverview Halls will allow for continued high utilization rates while accommodating managed growth of enrollment and programs.

Project Rationale and Predesign for Centennial Remodel:

Centennial Hall was the former SCSU library, and the current proposal calls for a renovation from library to classroom, computer lab and office building to make adaptive reuse of a sound structure. The University put the Miller Learning Resources Center into service in 2000. At that time a comprehensive campus plan was developed integrating academic, enrollment, and technology planning with facilities needs. The university conducted its own space utilization study to optimize use of current space. This utilization study led to choice of the business school, English department, and regional computing center as occupants for a remodeled Centennial Hall.

The Business School has experienced growth in the past five years that has exceeded the capacity of its current space. Declared business majors have increased by 400 since 1998. With the capping of enrollment at the U of M's Carlson School of Management, it is expected that there will be even more growth in St. Cloud's master degree in business program.

The university has been working towards a comprehensive campus strategic plan with coordinated projects across campus. This plan for reuse of a sound structure in Centennial is of top importance to successful realization of the master plan for over 1.5M GSF. The next logical planned step calls for the English department to vacate Riverview Hall to move into Centennial, opening Riverview for renovation in 2004.

The space available in Centennial Hall will allow for a centralized Student Success Center that will be created from three separate programs currently scattered in different locations around campus: the Writing Lab, the Math Lab and the Study Center. Because the English Department is so heavily involved in the operation of the Writing lab, the faculty wished the English Department to be co-located with the Writing Lab. A survey of employers in the East Central region indicated that the skills they valued the most in university graduates were writing and communication skills, and the Writing Lab is a "linchpin" in meeting those employer expectations.

In addition, this project will address approximately $600,000 of deferred maintenance and accessibility issues in Centennial Hall in the areas of fire safety, ADA, egress code compliance, window replacement, plumbing upgrades, and ventilation air quality improvement. Total cost of asset preservation work included in this project is $1.5 million.

Predesign was completed in August 2001, and reviewed by MnSCU and Admin.

Project Rationale and Predesign for Riverview Design:

This structurally-sound building has remained in service to the University for decades and will be brought up to current standards so that it can continue to provide a venue for instruction. In addition this project will address approximately $780,000 of deferred maintenance and accessibility issues in Riverview.

A renovated Riverview will allow the Speech Communications Department to locate there, in close proximity to the English Department in Centennial. This will allow for cross-disciplinary collaboration and sharing of resources between two closely related disciplines that is a trend at both St. Cloud State U and nationally. The Speech Communications Department is currently located in the Math/Science Building, which does not provide good synergy for them, and is taking space that the math and science disciplines need due to increasing student interest in those courses.

Riverview is the oldest building on campus, and is on the National Register of Historic Places. This attractive building deserves preservation since it can continue to provide good service to our students. However, it does not lend itself to the trend toward increasing use of instructional technology in smart classrooms, which will be one of the major improvements achieved with the remodeling.

Predesign was completed for Riverview in 1997. It was revised and updated in 2001 to reflect current codes and costs. Predesign for Riverview Hall was submitted to MnSCU and Admin in February 2001.

IMPACT ON STATE AGENCY OPERATING BUDGETS (FACILITIES NOTE):

The renovation of Centennial Hall is expected to have only marginal impact on the University's operating budget since there is no new square footage, the building is already served by utilities, and is currently being maintained. The same will hold true for the future renovation of Riverview.

Site Selection Alternatives:
There are no suitable or remotely cost effective alternatives to renovating Centennial and Riverview Halls, sound structures located in the center of campus and overlooking the scenic river amenity, respectively.

Consequences of Delayed Funding:
Growing academic program quality will be compromised by lack of suitable space and two substantial structures that must be heated and maintained will have very limited utility for the University.

PROJECT CONTACT PERSON, TITLE, ADDRESS, PHONE, FAX & E-MAIL:

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Minnesota State Colleges & Universities
St. Cloud SU - Centennial, Riverview Remodel Phs 1

AGENCY CAPITAL BUDGET REQUEST
Fiscal Years 2002-2007
Dollars in Thousands ($137,500 = $138)

Project Cost

TOTAL PROJECT COSTS All Years and All Funding Sources	**Project Costs** All Prior Years	**Project Costs** FY 2002-03	**Project Costs** FY 2004-05	**Project Costs** FY 2006-07	**Project Costs** All Years	**Project Start** (Month/Year)	**Project Finish** (Month/Year)
1. Property Acquisition							
Land, Land Easements, Options	$0	$0	$0	$0	$0		
Land and Buildings	0	0	0	0	0		
2. Predesign Fees	20	0	0	0	20	11/1997	08/2001
3. Design Fees							
Schematic	0	198	0	0	198	08/2002	10/2002
Design Development	0	380	0	0	380	12/2002	02/2003
Contract Documents	0	470	0	0	470	03/2003	04/2003
Construction Administration	0	275	0	0	275	05/2003	09/2003
4. Project Management						06/2003	08/2004
State Staff Project Management	0	0	0	0	0		
Non-State Project Management	0	56	160	0	216		
Commissioning	0	0	45	0	45		
Other Costs	0	0	0	0	0		
5. Construction Costs						07/2003	08/2004
Site & Building Preparation	0	0	0	0	0		
Demolition/Decommissioning	0	160	150	0	310		
Construction	0	6,675	6,122	0	12,797		
Infrastructure/Roads/Utilities	0	0	0	0	0		
Hazardous Material Abatement	0	110	55	0	165		
Construction Contingency	0	212	380	0	592		
Other Costs	0	0	0	0	0		
6. One Percent for Art	0	67	63	0	130		
7. Relocation Expenses	0	0	0	0	0		
8. Occupancy						08/2003	08/2004
Furniture, Fixtures and Equipment	0	325	290	0	615		
Telecommunications (voice & data)	0	90	30	0	120		
Security Equipment	0	32	20	0	52		
Other Costs	0	0	0	0	0		
SUBTOTAL: (items 1 – 8)	20	9,050	7,315	0	16,385		
9. Inflation							
Midpoint of Construction		01/2004	04/2005				
Inflation Multiplier		10.50%	16.20%	0.00%			
Inflation Cost		950	1,185	0	2,135		
GRAND TOTAL	$20	$10,000	$8,500	$0	$18,520		

Dollars in Thousands ($137,500 = $138)

CAPITAL FUNDING SOURCES	Prior Years	FY 2002-03	FY 2004-05	FY 2006-07	TOTAL
State Funds :					
G.O Bonds/State Bldgs	0	10,000	8,500	0	18,500
State Funds Subtotal	0	10,000	8,500	0	18,500
Agency Operating Budget Funds	20	0	0	0	20
Federal Funds	0	0	0	0	0
Local Government Funds	0	0	0	0	0
Private Funds	0	0	0	0	0
Other	0	0	0	0	0
TOTAL	**20**	**10,000**	**8,500**	**0**	**18,520**

CHANGES IN STATE OPERATING COSTS	Changes in State Operating Costs (Without Inflation)			
	FY 2002-03	FY 2004-05	FY 2006-07	FY 2008-09
Compensation -- Program and Building Operation	0	0	0	0
Other Program Related Expenses	0	0	0	0
Building Operating Expenses	0	0	0	0
Building Repair and Replacement Expenses	0	0	0	0
State-Owned Lease Expenses	0	0	0	0
Nonstate-Owned Lease Expenses	0	0	0	0
Expenditure Subtotal	0	0	0	0
Revenue Offsets	0	0	0	0
TOTAL CHANGES	0	0	0	0
Change in F.T.E. Personnel	0.0	0.0	0.0	0.0

PREVIOUS STATE CAPITAL APPROPRIATIONS FOR THIS PROJECT (Legal Citations) Laws of Minnesota (year), Chapter, Section, Subdivision	Amount
Laws of Minnesota 2000, Chap 492, Sec 3, subd	0
TOTAL	**0**

SOURCE OF FUNDS FOR DEBT SERVICE PAYMENTS (for bond-financed projects only)	Amount	Percent of Total
General Fund	6,700	67.0%
User Financing	3,300	33.0%

STATUTORY AND OTHER REQUIREMENTS
Project applicants should be aware that the following requirements will apply to their projects after adoption of the bonding bill.

Yes	MS 16B.335 (1a): Construction/Major Remodeling Review (by Legislature)
No	MS 16B.335 (1b): Project Exempt From This Review (by Legislature)
No	MS 16B.335 (2): Other Projects (require legislative notification)
Yes	MS 16B.335 (3): Predesign Review Required (by Administration Dept)
Yes	MS 16B.335 (4): Energy Conservation Requirements
Yes	MS 16B.335 (5): Information Technology Review (by Office of Technology)
Yes	MS 16A.695: Public Ownership Required (as per Finance Dept.)
No	MS 16A.695: Use Agreement Required (as per Finance Dept)
No	MS 16A.695: Program Funding Review Required (by granting agency)
Yes	Matching Funds Required (as per agency request)
Yes	Project Cancellation in 2007 (as per Finance Dept)

Department of Administration Analysis:

The Strategic Planning and Systemwide presentations are concise and in complete compliance with the agencies long-range format with a programmed balance.

The premise of MnSCU to emphasize community, enrollment and science into their requests is paramount. By utilizing a balance of requested bonded monies with asset preservation and operating funds to modify existing facilities to meet long-range goals speaks highly of the thought placed in preparation of this request.

There is perhaps greater substantiated data listed in the individual requests from Metro colleges versus Greater Minnesota facilities however, the premise is definitely on science and technology. One area, "IT", really will assist Greater Minnesota campuses because of the more rural infrastructure however, the request for a new Metro State University Library and Technical Center in St. Paul is adjacent to the Connect Minnesota cable infrastructure that could expand that facility's outreach to the St. Paul Network and Capitol loops, then on to Minneapolis, St. Cloud, Alexandria, Fergus Falls, and Moorhead. All are within a reach of that potential infrastructure.

Department of Finance Analysis:

Enrollment at SCSU is projected to continue to increase significantly. Tuition increased 10% in FY 2002 and is expected to increase 10% in FY 2003. SCSU raised $27 million over five years in their first major capital campaign, and will start their second campaign in the next couple of years.

The project will enhance their college of business and English department. It is not clear if these programs will grow, or what other programs are expected to grow or not grow as a result of this remodeling.

Enrollment at St. Cloud State has grown 10.4% from FY 2000 to FY 2002, the largest increase of the state universities after Metro State. However, their financial reserves at the end of FY 2001 were only 1.1% of their previous year's operating revenues, down significantly from the previous year. Lastly, their debt service obligation in FY 2001 was more than $420,000 for past capital projects, the largest obligation in the MnSCU system and almost 25% of the total debt service paid by MnSCU campuses in FY 2001. According to the MNSCU 2001 Space Utilization Study, St. Cloud State has a 20% space deficit.

Governor's Recommendation:

The Governor does not recommend capital funding for this request.

STATEWIDE STRATEGIC SCORE		
Criteria	**Values**	**Points**
Critical Life Safety Emergency - Existing Hazards	0/700	0
Critical Legal Liability - Existing Liability	0/700	0
Prior Binding Commitment	0/700	0
Strategic Linkage - Agency Six Year Plan	0/40/80/120	40
Safety/Code Concerns	0/35/70/105	35
Customer Service/Statewide Significance	0/35/70/105	70
Agency Priority	0/25/50/75/100	75
User and Non-State Financing	0-100	33
State Asset Management	0/20/40/60	20
State Operating Savings or Operating Efficiencies	0/20/40/60	0
Contained in State Six-Year Planning Estimates	0/25/50	0
Total	700 Maximum	273

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2002 STATE APPROPRIATION REQUEST: $8,400,000

AGENCY PROJECT PRIORITY: 13 of 28

PROJECT LOCATION: Mankato State

PROJECT DESCRIPTION AND RATIONALE:

Phase 3 – To remodel, furnish, and equip 66,997 GSF of existing Otto Arena and adjacent areas to provide a student fitness facility:

- construct a 4,282 GSF addition between Pennington Building and Highland North for the racquetball program; and
- construct a 4,895 GSF expansion on the main floor of Otto Arena to provide multipurpose fitness rooms, equipment storage, and floor space for weight room.

The construction also includes the reconfiguration of existing locker room facilities to provide equitable general use locker room space and swimming coaches offices. Modifications on the second level include the installation of a walking/running track, exercise equipment space, and mechanical room space.

Phase 1 construction of Myers Field House will be complete in Fall 2001, and Phase 2 construction of Highland Center is currently underway.

PROJECT RATIONALE AND RELATIONSHIP TO AGENCY LONG RANGE STRATEGIC PLAN AND CAPITAL PLAN:

MnSCU Strategic Plan:
Institutional Quality and Excellence: Upgrading facilities to support academic programs, and addressing deferred maintenance of all instructional, intercollegiate, intramural and recreational facilities is essential.
Gender Equity: While not part of the facilities plan, gender equity is an important program goal and legal requirement for the entire higher education system. MSU is gender equitable and it is important to maintain this status.
Community Collaboration and Partnerships: The athletic facilities at Mankato are host to K-12 Minnesota State High School League sanctioned sport tournaments and provide a venue for K-12 regional science fairs. MSU also hosts numerous K-12 summer camps such as basketball, football, hockey, volleyball etc. Part of MSU's mission is training K-12 physical education teachers, as they increasingly need life-long training on fitness.

Minnesota State University, Mankato Master Plan:

These projects were first identified in Mankato's 1988 Master Facilities Plan which described an addition to the field house to accommodate a full 200-meter track and improvements to Blakeslee Stadium.

Mankato's 1994 Land & Facilities Master Plan again reiterated that improvements to Pennington Building, Highland Center, and Highland North were the top priority in order to meet the goals of:

- preserving and enhancing the campus academic core to support learning and student life;
- continuing to upgrade existing facilities to support learning; and
- maintaining and enhancing university facilities to better support community and K-12 partnerships.

MSU's Land Use and Facilities Plan for these buildings provides for the reorganization and renovation of the space to meet changes in program activities taking place in the complex, as well as bringing it up to all applicable codes (NCAA, building codes). Additionally, existing conditions limit the use of the space in support of the instruction and other activities. Correcting mechanical and electrical problems, and regulatory and code compliance problems are a priority.

The current condition of the facilities places serious obstacles in the way of student recruitment and retention making it difficult to meet enrollment and OCR compliance goals. Recruiting students requires a good facility for intramural activities, recreational sports, and an "open" fitness center, elements in the master plan.

Enrollment and Space Utilization:

Enrollment at MSU Mankato, MnSCU's second largest institution, has been increasing steadily since FY 1999 when FYE enrollment was 10,946.

MSUMkt	FY 1999	FY 2001	FY 2002
FYE	10,946	12,086	12,192 (Projected)

Minnesota State University, Mankato's instruction in physical education, intercollegiate athletics, intramural sports, and recreational activities takes place in 390,000 sq. ft. of playing fields and buildings that were constructed between 1962 and 1979. The facilities house three academic departments of the College of Allied Health and Nursing, Intramural Athletics, Intercollegiate Athletics as well as the coaches' offices and training room facilities. Academic student contact hours taking place in the student athletic facilities average 6,358 per week and the facility is open for use from 6:00 a.m. to 10:00 p.m., seven days a week. Attendance to University and community events total 132,000 annually. The 2001 space utilization study showed MSU with a 2% deficit in physical education, and athletic space.

The utilization report clearly demonstrates that this complex is utilized by the citizens of the entire region with many activities including large functions like high school basketball tournaments, high school boys' and girls' basketball practice, high

school swim meets, K-12 regional science fairs, Vikings summer camp, community 4th of July events, community Thunder of Drums, etc.

Project Rationale and Predesign:

A comprehensive student satisfaction survey conducted in 1996 showed an overwhelming desire by students for on-campus fitness and recreational sports facilities.

Phase 3 serves the general student population by converting the old basketball arena into a student fitness facility. Phases 1 and 2 focused on academic and athletic program needs and did not address the needs of the general student population for fitness. Phase 3 gathers most of the scattered fitness programs in one area of the complex--the old arena--and expands some high demand areas, such as multipurpose exercise rooms. This phase also provides appropriately-sized locker room space designed for general student fitness use and eliminates time of use conflicts between the athletic teams and general students.

The three phases of the project will correct $15.73 million of deferred maintenance items as identified in the MnSCU Facilities Conditions Assessment and ADA compliance audit.

The legislature funded Phase 1 in 1998, and construction was completed in Fall 2001. The legislature funded Phase 2 of the project in 2000, and construction is underway. A comprehensive predesign report was submitted to MnSCU and Admin in 1998, and was updated to reflect two phases in 2000. Phase 3 is a break out of phase 2, and was included in the resubmitted phase 2 predesign report.

IMPACT ON STATE AGENCY OPERATING BUDGETS (FACILITIES NOTE):

The additional square feet of building included in phase 3 is expected to increase operating costs to the university by $57,000 annually, $39,000 in building operation expenses and $18,000 for 1/2 additional FTE.

OTHER CONSIDERATIONS:

Phase 3 is the last remaining phase, and is an integral piece of the total project. The project was phased logistically for construction purposes with each portion equally important to accomplishing the goal of the request. Space programming and design of phases 1 and 2 depend on the completion of phase 3 to provide a complete working complex.

The new 142,951 GSF Taylor Center constructed with $17.5 million of private funds is an integral part of the Student Athletic Facility project. The new arena will provide state-of-the-art facilities for the women's and men's basketball teams, women's volleyball, men's wrestling, convocation ceremonies and offices for University Admissions, Sports Information Center and coaching staff. Taylor Center will provide the competitive facilities for varsity teams, allowing Otto Arena to be converted to a Student Recreational Facility in Phase 3 of this project.

PROJECT CONTACT PERSON, TITLE, ADDRESS, PHONE, FAX, AND E-MAIL:

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Minnesota State Colleges & Universities
MSU Mankato - Athletic Facility Phase 3

AGENCY CAPITAL BUDGET REQUEST
Fiscal Years 2002-2007
Dollars in Thousands ($137,500 = $138)

Project Cost

TOTAL PROJECT COSTS All Years and All Funding Sources	**Project Costs** All Prior Years	**Project Costs** FY 2002-03	**Project Costs** FY 2004-05	**Project Costs** FY 2006-07	**Project Costs** All Years	**Project Start** (Month/Year)	**Project Finish** (Month/Year)
1. Property Acquisition							
Land, Land Easements, Options	$0	$0	$0	$0	$0		
Land and Buildings	0	0	0	0	0		
2. Predesign Fees	45	0	0	0	45	03/1997	08/1998
3. Design Fees							
Schematic	346	115	0	0	461	10/1998	06/2000
Design Development	433	131	0	0	564	08/2000	03/2001
Contract Documents	519	146	0	0	665	08/2002	11/2002
Construction Administration	722	127	0	0	849	06/1999	07/2002
4. Project Management						03/1999	03/2003
State Staff Project Management	0	40	0	0	40		
Non-State Project Management	173	105	0	0	278		
Commissioning	0	0	0	0	0		
Other Costs	0	0	0	0	0		
5. Construction Costs						03/2003	05/2004
Site & Building Preparation	592	0	0	0	592		
Demolition/Decommissioning	135	15	0	0	150		
Construction	14,999	6,150	0	0	21,149		
Infrastructure/Roads/Utilities	774	0	0	0	774		
Hazardous Material Abatement	390	100	0	0	490		
Construction Contingency	1,139	367	0	0	1,506		
Other Costs	17,500	0	0	0	17,500		
6. One Percent for Art	147	62	0	0	209		
7. Relocation Expenses	0	0	0	0	0		
8. Occupancy						09/2003	05/2004
Furniture, Fixtures and Equipment	483	280	0	0	763		
Telecommunications (voice & data)	40	40	0	0	80		
Security Equipment	15	0	0	0	15		
Other Costs	0	0	0	0	0		
SUBTOTAL: (items 1 – 8)	38,452	7,678	0	0	46,130		
9. Inflation							
Midpoint of Construction		10/2003					
Inflation Multiplier		9.40%	0.00%	0.00%			
Inflation Cost		722	0	0	722		
GRAND TOTAL	$38,452	$8,400	$0	$0	$46,852		

Dollars in Thousands ($137,500 = $138)

CAPITAL FUNDING SOURCES	Prior Years	FY 2002-03	FY 2004-05	FY 2006-07	TOTAL
State Funds :					
G.O Bonds/State Bldgs	20,907	8,400	0	0	29,307
State Funds Subtotal	20,907	8,400	0	0	29,307
Agency Operating Budget Funds	45	0	0	0	45
Federal Funds	0	0	0	0	0
Local Government Funds	0	0	0	0	0
Private Funds	17,500	0	0	0	17,500
Other	0	0	0	0	0
TOTAL	**38,452**	**8,400**	**0**	**0**	**46,852**

CHANGES IN STATE OPERATING COSTS	Changes in State Operating Costs (Without Inflation)			
	FY 2002-03	FY 2004-05	FY 2006-07	FY 2008-09
Compensation -- Program and Building Operation	0	38	38	38
Other Program Related Expenses	0	0	0	0
Building Operating Expenses	0	78	78	78
Building Repair and Replacement Expenses	0	0	20	20
State-Owned Lease Expenses	0	0	0	0
Nonstate-Owned Lease Expenses	0	0	0	0
Expenditure Subtotal	0	116	136	136
Revenue Offsets	0	0	0	0
TOTAL CHANGES	0	116	136	136
Change in F.T.E. Personnel	0.0	0.5	0.5	0.5

PREVIOUS STATE CAPITAL APPROPRIATIONS FOR THIS PROJECT (Legal Citations) Laws of Minnesota (year), Chapter, Section, Subdivision	Amount
Laws of Minn 2000, Chap 492, Art I, Sec 3, Subd 9, Athletic Fac Phse 2	6,907
Laws of Minn 2000, Chap 492, Art I, Sec 3, subd 2, HEAPR	3,000
Laws of Minn 1998, Chap 404, Sec 3, subd 10, Athletic Fac Phase 1	11,000
TOTAL	**20,907**

SOURCE OF FUNDS FOR DEBT SERVICE PAYMENTS (for bond-financed projects only)	Amount	Percent of Total
General Fund	5,628	67.0%
User Financing	2,772	33.0%

STATUTORY AND OTHER REQUIREMENTS Project applicants should be aware that the following requirements will apply to their projects after adoption of the bonding bill.	
Yes	MS 16B.335 (1a): Construction/Major Remodeling Review (by Legislature)
No	MS 16B.335 (1b): Project Exempt From This Review (by Legislature)
No	MS 16B.335 (2): Other Projects (require legislative notification)
Yes	MS 16B.335 (3): Predesign Review Required (by Administration Dept)
Yes	MS 16B.335 (4): Energy Conservation Requirements
Yes	MS 16B.335 (5): Information Technology Review (by Office of Technology)
Yes	MS 16A.695: Public Ownership Required (as per Finance Dept.)
No	MS 16A.695: Use Agreement Required (as per Finance Dept)
No	MS 16A.695: Program Funding Review Required (by granting agency)
Yes	Matching Funds Required (as per agency request)
Yes	Project Cancellation in 2007 (as per Finance Dept)

Department of Administration Analysis:

The Strategic Planning and Systemwide presentations to be concise, in complete compliance with the agencies long-range format with a programmed balance.

The premise of MnSCU to emphasize community, enrollment and science into their requests is paramount. By utilizing a balance of requested bonded monies with asset preservation and operating funds to modify existing facilities to meet long-range goals speaks highly of the thought placed in preparation of this request.

There is perhaps greater substantiated data listed in the individual requests from Metro colleges versus Greater Minnesota facilities however, the premise is definitely on science and technology. One area, "IT", really will assist Greater Minnesota campuses because of the more rural infrastructure however, the request for a new Metro State University Library and Technical Center in St. Paul is adjacent to the Connect Minnesota cable infrastructure that could expand that facility's outreach to the St. Paul Network and Capitol loops, then on to Minneapolis, St. Cloud, Alexandria, Fergus Falls and Moorhead. All are within a reach of that potential infrastructure.

Clarification is needed in the narrative that does not address the reference to 5,255 GSF of space for classroom remodeling referenced in the construction cost.

Department of Finance Analysis:

This project is the third phase of improvements to the athletic facilities at Mankato State. It includes construction of a new student fitness facility, an expansion of the racquetball program, construction of a press box, track and field venue and plaza. It is not clear from the narrative how this furthers the principles in the MnSCU priorities. MSU indicates that operating costs will increase $136,000 per biennium. Mankato State had intended to raise matching funds to support this project, but modified the plan late in November, downsizing the proposed project.

Mankato State's enrollment growth from FY 2000 to FY 2002 (as of October, 2001) was just 5.6%, below the systemwide average and the average for state universities. Their financial reserves at the end of FY 2001 were 3.8% of previous year's operating revenues, below MnSCUs stated policy but higher than the average for state universities. MNSCUs 2001 Space Utilization Study indicates MSU has a 37% space deficit.

Governor's Recommendation:

The Governor does not recommend capital funding for this request.

STATEWIDE STRATEGIC SCORE		
Criteria	**Values**	**Points**
Critical Life Safety Emergency - Existing Hazards	0/700	0
Critical Legal Liability - Existing Liability	0/700	0
Prior Binding Commitment	0/700	0
Strategic Linkage - Agency Six Year Plan	0/40/80/120	0
Safety/Code Concerns	0/35/70/105	0
Customer Service/Statewide Significance	0/35/70/105	35
Agency Priority	0/25/50/75/100	75
User and Non-State Financing	0-100	33
State Asset Management	0/20/40/60	0
State Operating Savings or Operating Efficiencies	0/20/40/60	0
Contained in State Six-Year Planning Estimates	0/25/50	25
Total	700 Maximum	168

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2002 STATE APPROPRIATION REQUEST: $9,200,000

AGENCY PROJECT PRIORITY: 14 of 28

PROJECT LOCATION: Southwest State University

PROJECT DESCRIPTION AND RATIONALE:

Renovate and reconfigure, furnish and equip 73,754 GSF of the SSU Library. The current design realigns key library functions for better public and student access; improves the building infrastructure; and creates 4,457 GSF of identifiable, secure entry for the library, and study space for the campus.

Renovations include:

- expansion of collections, circulation and government document areas
- provision for group study rooms and classrooms for technology based instruction
- provide an easily identified campus / Library exterior entry
- provide a new interior Library entry complete rewiring of library spaces to handle new computer applications
- reworking of the HVAC and mechanical control systems
- abatement of asbestos in the existing library structure

PROJECT RATIONALE AND RELATIONSHIP TO AGENCY LONG RANGE STRATEGIC PLAN AND CAPITAL PLAN:

MnSCU Strategic Plan:

- This project is in direct support of the MnSCU strategic goals of:

- *Student Success:* The most critical goal of the SSU Library is that all students have the research skills to obtain information they need for class assignments. This project will greatly improve students' ability to access information electronically from across the nation. Currently, the Library cannot install any additional computer terminals because the existing electrical conduits have no capacity for additional wiring. A remodeled library will double the number of group study rooms available, one of SSU's greatest needs for student success.

- *Institutional Excellence and Quality:* With a remodeled and updated facility, SSU will be able to house a county law library – this will bring a new, legal research base to the region. An updated, more user-friendly facility will enable the SSU Library to function as the key reference center for economic development for businesses in the southwest region of the state. The library will also be able to add special one-of-a-kind collections unique to southwestern Minnesota.

- *MnSCU System Leadership:* The renovation will allow the library to be the lead institution to implement MnLink within MnSCU, and allow SSU to take a leadership role in the use of modern technology. The library needs sufficient computer support and electrical capacity to put this high technology hub system into operation as it was designed - to serve our students wherever they are.

Southwest State University Master Plan:

SSU's Campus Master Plan was presented to the MnSCU Board May 2000. Our Master Plan developed six guiding principles for future campus development – and the Library Renovations Project ties directly to three of these principles:

- *Create clear campus entries*: A renovated link entry will provide SSU with a large, identifiable entry to the Library and the academic buildings

- *Acknowledge current density and compactness and take advantage of existing space*: This project will develop a recognizable "heart" to the campus; will better integrate open space and buildings and will increase vitality / usage in a link area so it will function as a main entry and activity center for the campus and library.

- *Create a more legible wayfinding system*: the Master Plan points to a need to make a stronger vertical connection (between floors) at the heart of the campus (Bellows – where the Library is located), and to visually providing cues for way-finding where one is on the campus.

The Library Remodel Project is a critical component of our Campus Master Plan. It starts us on the road to opening our campus up to the community and region in a visible way. One of the more difficult issues is improving access to the campus buildings – making the campus easy to travel through, find the correct meeting room, and then get back to the parking lot. This project will boldly define one of the main campus entries (the entry most used by commuter students and regional users).

Enrollment and Space Utilization:

Southwest State University has grown from an enrollment of 2,204 FYE in FY 1996 (includes 29 FYE of graduate credits) to 3,372 FYE in FY 2001 (includes 380 FYE of graduate credits). This represents growth of 52% over five years.

SSU	FY 1999	FY 2001	FY 2002
FYE	2,669	3,372	3,414 (Projected)

Graduate enrollment growth over the same period was 351 FYE. SSU anticipates an increase of 20 graduate FYE, or a 5% increase over two years. Not only does increased general enrollment drive the need for increased library space, but graduate credit enrollment has been increasing dramatically – and this student population requires more library support.

MnSCU Space Utilization studies indicate that SSU has adequate square footage to meet the needs of its current enrollment, and further that SSU will reach parity with MnSCU standards when our enrollment reaches approximately 3,600 FYE, which is forecast for 2003.

Project Rationale and Predesign:

This project will:

- realign key library functions to improve public and student access
- provide adequate electrical capacity so that our students' library computer access needs are met
- provide space for collections growth
- develop new entries for the library and the campus that will provide identifiable means of access to the library. (One of the key problems the Library has faced over the years is that it is difficult to locate the front door.)
- provide students with needed group study rooms and library classrooms equipped for technology based instruction
- improve the mechanical system in the Library facilities to avoid air quality and mildew problems and provide for a controlled environment for the collections*
- provide the Library with a fire sprinkler system – original building was constructed without a sprinkler system*
- replace windows in the Library structure; repair the exterior skin to the upper three floors of the Library; replace and enlarge a deteriorating connecting link between Bellows and Charter Hall thereby eliminating this work from the preventive maintenance back log (the link area to be replaced is the location of the renovated exterior campus / library entrance)*
- address safety issues (i.e. replace stairwell railings, install a new ADA compliant fire alarm system that is monitored at a central station and is equipped with visual announcers)
- improve energy efficiency.

These renovations will eliminate 16% of SSU's total deferred maintenance backlog, and will eliminate $4.28 million of Bellows Hall backlog. Asset preservation work will include HVAC (boiler and ventilation), fire alarms and smoke detectors, ADA modifications, exterior shell repairs, window replacement, and plumbing replacement.

Predesign funds of $40,000 were appropriated by the 1998 legislature, and SSU contributed an addition $27,000. Predesign is complete and was submitted to MnSCU and Admin in September 2000. The 2000 legislature appropriated $800,000 for design and the MnSCU Board of Trustees will review schematic design December 2001. Final design will be completed by April 2002.

Distance Learning at Southwest State University:

SSU has an extensive distance learning program with the library functioning as the hub to support off-campus instruction. SSU's off-campus programs include:

- Challenge Program (which offers classes to 3,500 students at 110 high schools and involves 240 teachers),
- classes for BA, BS and BAT degrees offered at four community colleges to 600 students,
- graduate off-campus education programs offered at 12 learning communities to 560 graduate students, and
- MinnInstruct which is a program that trains educators in the use of multi-media and web-based instruction

One component of the library renovation is a high technology classroom for off-campus course use. This classroom will contain not only ITV, but also support the use of the web to create learning units and for research purposes.

Collaborative programs with other state universities have been developed to offer majors not available at SSU. Current programs include:

- BS and MS in Nursing from Mankato State U (40 students),
- LPN and RN from Minnesota West (25 students),
- MS in Library Science from Mankato State (25 students), and
- MSW from St. Thomas (30 students).

The library renovations will provide adequate computer and technology connections (as well as classroom space) to support these programs.

IMPACT ON STATE AGENCY OPERATING BUDGETS (FACILITIES NOTE):

The annual increase in operating costs resulting from the modifications to the Bellows-Charter Link is estimated at $12,000. The estimated costs include utilities, refuse, custodial, security, and building maintenance. We believe, however, that with new more energy efficient lighting and HVAC equipment these costs will be less.

Site Selection Alternatives:
Alternatives analysis centered on the cost/value of renovating the existing building versus the construction of a new library building. This analysis identified the costs for a new building as $15,443,000 and the costs for renovation of the existing building as $9,200,000. The renovation alternative was chosen. The library's current location at the heart of the campus is convenient for student access, and has the potential for improved community access.

Consequences of Delayed Funding:
To defer or eliminate this project will result in SSU (1) not being able to meet the library computer access needs of its students; (2) not having adequate space for collections growth or additional group study rooms; (3) not having a clear / identifiable entry for the Library; (4) operating a library that is not efficient in its use of space and in providing services to its campus and regional patrons.

PROJECT CONTACT PERSON, TITLE, ADDRESS, PHONE, FAX, AND E-MAIL:

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Dollars in Thousands ($137,500 = $138)

TOTAL PROJECT COSTS All Years and All Funding Sources	Project Costs All Prior Years	Project Costs FY 2002-03	Project Costs FY 2004-05	Project Costs FY 2006-07	Project Costs All Years	Project Start (Month/Year)	Project Finish (Month/Year)
1. Property Acquisition							
Land, Land Easements, Options	$0	$0	$0	$0	$0		
Land and Buildings	0	0	0	0	0		
2. Predesign Fees	67	0	0	0	67	09/1998	10/2000
3. Design Fees							
Schematic	133	0	0	0	133	01/2001	10/2001
Design Development	208	0	0	0	208	11/2001	04/2002
Contract Documents	160	0	0	0	160	05/2002	07/2002
Construction Administration	0	168	0	0	168	06/2002	10/2004
4. Project Management						01/2001	01/2004
State Staff Project Management	0	0	0	0	0		
Non-State Project Management	107	149	0	0	256		
Commissioning	132	8	0	0	140		
Other Costs	0	0	0	0	0		
5. Construction Costs						11/2002	01/2004
Site & Building Preparation	0	39	0	0	39		
Demolition/Decommissioning	0	140	0	0	140		
Construction	0	5,135	0	0	5,135		
Infrastructure/Roads/Utilities	0	150	0	0	150		
Hazardous Material Abatement	60	1,410	0	0	1,470		
Construction Contingency	0	410	0	0	410		
Other Costs	0	0	0	0	0		
6. One Percent for Art	0	61	0	0	61		
7. Relocation Expenses	0	0	0	0	0		
8. Occupancy						11/2003	01/2004
Furniture, Fixtures and Equipment	0	450	0	0	450		
Telecommunications (voice & data)	0	330	0	0	330		
Security Equipment	0	100	0	0	100		
Other Costs	0	0	0	0	0		
SUBTOTAL: (items 1 – 8)	867	8,550	0	0	9,417		
9. Inflation							
Midpoint of Construction		05/2003					
Inflation Multiplier		7.60%	0.00%	0.00%			
Inflation Cost		650	0	0	650		
GRAND TOTAL	$867	$9,200	$0	$0	$10,067		

Dollars in Thousands ($137,500 = $138)

CAPITAL FUNDING SOURCES	Prior Years	FY 2002-03	FY 2004-05	FY 2006-07	TOTAL
State Funds :					
G.O Bonds/State Bldgs	840	9,200	0	0	10,040
State Funds Subtotal	840	9,200	0	0	10,040
Agency Operating Budget Funds	27	0	0	0	27
Federal Funds	0	0	0	0	0
Local Government Funds	0	0	0	0	0
Private Funds	0	0	0	0	0
Other	0	0	0	0	0
TOTAL	**867**	**9,200**	**0**	**0**	**10,067**

CHANGES IN STATE OPERATING COSTS	Changes in State Operating Costs (Without Inflation)			
	FY 2002-03	FY 2004-05	FY 2006-07	FY 2008-09
Compensation -- Program and Building Operation	0	11	15	15
Other Program Related Expenses	0	0	0	0
Building Operating Expenses	0	18	24	24
Building Repair and Replacement Expenses	0	0	7	7
State-Owned Lease Expenses	0	0	0	0
Nonstate-Owned Lease Expenses	0	0	0	0
Expenditure Subtotal	0	29	46	46
Revenue Offsets	0	0	0	0
TOTAL CHANGES	0	29	46	46
Change in F.T.E. Personnel	0.0	0.2	0.2	0.2

PREVIOUS STATE CAPITAL APPROPRIATIONS FOR THIS PROJECT (Legal Citations) Laws of Minnesota (year), Chapter, Section, Subdivision	Amount
Laws of Minnesota 2000, Chap 492, Sec 3, sub 18, Library Design	800
Laws of Minnesota 1998, Chap 404, Sec 3, sub 26, Library Predesign	40
TOTAL	**840**

SOURCE OF FUNDS FOR DEBT SERVICE PAYMENTS (for bond-financed projects only)	Amount	Percent of Total
General Fund	6,164	67.0%
User Financing	3,036	33.0%

STATUTORY AND OTHER REQUIREMENTS

Project applicants should be aware that the following requirements will apply to their projects after adoption of the bonding bill.

Yes	MS 16B.335 (1a): Construction/Major Remodeling Review (by Legislature)
No	MS 16B.335 (1b): Project Exempt From This Review (by Legislature)
No	MS 16B.335 (2): Other Projects (require legislative notification)
Yes	MS 16B.335 (3): Predesign Review Required (by Administration Dept)
Yes	MS 16B.335 (4): Energy Conservation Requirements
Yes	MS 16B.335 (5): Information Technology Review (by Office of Technology)
Yes	MS 16A.695: Public Ownership Required (as per Finance Dept.)
No	MS 16A.695: Use Agreement Required (as per Finance Dept)
No	MS 16A.695: Program Funding Review Required (by granting agency)
Yes	Matching Funds Required (as per agency request)
Yes	Project Cancellation in 2007 (as per Finance Dept)

Department of Administration Analysis:

The Strategic Planning and Systemwide presentations are concise are in complete compliance with the agencies long-range format with a programmed balance.

The premise of MnSCU to emphasize community, enrollment and science into their requests is paramount. By utilizing a balance of requested bonded monies with asset preservation and operating funds to modify existing facilities to meet long-range goals speaks highly of the thought placed in preparation of this request.

There is perhaps greater substantiated data listed in the individual requests from Metro colleges versus Greater Minnesota facilities however, the premise is definitely on science and technology. One area, "IT", really will assist Greater Minnesota campuses because of the more rural infrastructure however, the request for a new Metro State University Library and Technical Center in St. Paul is adjacent to the Connect Minnesota cable infrastructure that could expand that facility's outreach to the St. Paul Network and Capitol loops, then on to Minneapolis, St. Cloud, Alexandria, Fergus Falls, and Moorhead. All are within a reach of that potential infrastructure.

Department of Finance Analysis:

This project is in the top tier for the MnSCU scoring analysis. Minimal changes in operating costs are indicated.

According to Southwest State staff, this will be the largest public construction project in the southwest region in the next two years. Design documents are 90% complete as of early November, and are expected to be completed in early spring. Construction would begin immediately in late spring 2002. This remodeling project would remove $4.28 million from the MnSCUs deferred maintenance list.

Enrollment growth at Southwest State from FY 2000 to FY 2002 was 10.2%, above the system wide average and the state university average. Reserves at the end of FY 2001 were 4.4%, below MnSCUs stated policy but the highest for state universities. According to the MnSCU 2001 Space Utilization Study, Southwest State has a 6% space surplus.

Governor's Recommendation:

The Governor does not recommend capital funding for this request.

STATEWIDE STRATEGIC SCORE		
Criteria	**Values**	**Points**
Critical Life Safety Emergency - Existing Hazards	0/700	0
Critical Legal Liability - Existing Liability	0/700	0
Prior Binding Commitment	0/700	0
Strategic Linkage - Agency Six Year Plan	0/40/80/120	40
Safety/Code Concerns	0/35/70/105	35
Customer Service/Statewide Significance	0/35/70/105	70
Agency Priority	0/25/50/75/100	50
User and Non-State Financing	0-100	33
State Asset Management	0/20/40/60	20
State Operating Savings or Operating Efficiencies	0/20/40/60	0
Contained in State Six-Year Planning Estimates	0/25/50	50
Total	700 Maximum	298

2002 STATE APPROPRIATION REQUEST: $3,500,000

AGENCY PROJECT PRIORITY: 15 of 28

PROJECT LOCATION: Hennepin Technical College

PROJECT DESCRIPTION AND RATIONALE:

Remodel, furnish, and equip approximately 7,036 GSF of existing space at Brooklyn Park and 3,400 GSF at Eden Prairie campus. The existing outmoded high bay areas are currently structured as one lecture space, one outmoded electronics laboratory, one shop area with a non-compliant exit. The additional sq. ft at Brooklyn Park is currently used as a small computer lab and storage space. The remodeling will provide more flexible lecture space, updated computer classrooms and code required improved access. Existing mechanical, electrical, and fire protection systems will be extended and upgraded to current building codes and instructional standards.

Academic programs impacted by the remodeling will include electronics, just-in-time manufacturing, construction (CAD and computerized project scheduling), as well as general education.

The driveway will also be relocated to align with Northland Drive where the city of Brooklyn Park has proposed to install a stoplight. The city and county have proposed adding in a median on Northland Drive that will cut off access to the current driveway into the campus.

PROJECT RATIONALE AND RELATIONSHIP TO AGENCY LONG RANGE STRATEGIC PLAN AND CAPITAL PLAN:

MnSCU Strategic Plan:

This project is aligned with three of the MnSCU goals:

- Student Success,
- Institutional Excellence and Quality, and
- Community Collaboration and Partnerships.

There is also a direct link to the MnSCU facilities goals of correcting facility deficiencies due to obsolescence. Enhanced classrooms and labs will provide a more pleasing and safer environment for learners. Last spring semester, more than 70% of our students were part-time. Over 38% of our FYE are generated in late afternoon, evening, or weekend courses. Many students are employed and coming to HTC for upgrading. Employers need a labor force with technologically current skills. Better utilization of current space will enable us to respond more quickly to the new curriculum needs.

Hennepin Technical College Master Plan:

Key concepts found in both HTCs Strategic Plan and the Master Academic Plan are:

- responsiveness,
- flexibility,
- accountability, and
- continuous improvement.

Our current facilities were constructed in 1971 designed for certain instructional programs. As our institution responds to the ever-changing needs of our students and Minnesota's employers, our needs for space have changed. The research for the Academic plan identified a select group of 100 new and emerging occupations. About 50% of these occupations fell into the computer occupational category. In FY 1996, 13.67% of the college's FYE were generated in Computer Career courses. In FY 2000, that percentage increased to approximately 26.3%. Nearly every occupation has a higher need for technological expertise. As a college focused on education for employment, we must be able to respond to these needs. To do so, we must increase our physical capacity for offering current technology.

Enrollment and Space Utilization:

HTCs enrollment increased by about 7% from FY 1998 to FY 2001. We are projecting an additional 2% increase in FY 2002.

Hennepin TC	FY 1999	FY 2001	FY 2002
FYE	2,805	3,557	3,681 (Projected)

The Brooklyn Park campus as a 6% deficit of space, and a 161% deficit in classrooms, and Eden Prairie campus has a 12% surplus of space, but a 77% deficit in classrooms. This project will turn underutilized space into needed classrooms. This remodeling project will allow the more productive use of space that had previously been dedicated to one specific program to be programmed for general use; thereby increasing space utilization. It will turn previously unused space into general use classroom space to fulfill general transfer education requirements, which is in short supply at both campuses.

Project Rationale and Predesign:

The Brooklyn Park and Eden Prairie campuses are mirror images of each other. This project would take underutilized space at both campuses that was caused by the discontinuance of an academic program, and turn it into five classrooms and six computer labs.

This project would remove two copper-lined shield rooms and replace with classrooms. It will also convert large open areas with high ceilings, poor acoustics, and one exit, into spaces designed for flexible use. The primary use of the remodeled areas would be as computer labs and larger lecture rooms. The students enrolled in manufacturing programs, construction programs and service programs have limited access to computers.

The proposed labs would add 48 computer stations at Eden Prairie and up to 72 at Brooklyn Park. Students and faculty have expressed concerns about the air quality and inadequate ventilation in the shield rooms. This would also provide code compliance for exits and construction of a handicapped access ramp for this part of the building.

The driveway realignment is a safety issue for our students, staff, and visitors. Increased development and expansion of both industrial and retail businesses along 77th Avenue has resulted in more traffic along this road (over 1,000 cars per hour during rush hours). The students have been existing onto Boone, which is primarily residential, because of difficulty in merging into traffic on Brooklyn Blvd. This is causing problems with the college's residential neighbors, and led to complaints to the city.

Predesign for the entire project was completed and submitted to MnSCU and Admin in January 2001. Hennepin Technical College has prepared final design and construction bid documents with operating funds for the driveway portion of this request, and would be ready to advertise for construction bids on the driveway reconstruction as soon as funding is made available. The remodeling portions would proceed on the schedule listed in the project cost sheet.

IMPACT ON STATE AGENCY OPERATING BUDGETS (FACILITIES NOTE):

While no additional square footage is being added, the use of these spaces will increase dramatically. There will be no increase in operating expenditures. This will increase the time of custodial staff for this area. No additional staff will be hired.

OTHER CONSIDERATIONS:

Site Selection Alternatives:

No other sites are suitable for this renovation and adaptive re-use of current, outmoded, and underutilized space.

Consequences of Delayed Funding:

A delay in funding will result in poor utilization of these areas and an inability to offer a sufficient number of computer courses to meet customer demands. Also, we are limited in new program ventures because of the cost of these renovations.
When the city of Brooklyn Park and Hennepin County move their road project forward, our main drive will not align with the stoplight at Northland Drive and a new median will prevent left hand turns into the campus. This will make access from the campus onto Brooklyn Boulevard even more dangerous, if not impossible. This will also increase the number of students and staff exiting through the residential area and raise more concerns from the people living there.

PROJECT CONTACT PERSON, TITLE, ADDRESS, PHONE, FAX, AND E-MAIL:

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Minnesota State Colleges & Universities
Hennepin TC - "D" Wing Remodel & Driveway

AGENCY CAPITAL BUDGET REQUEST
Fiscal Years 2002-2007
Dollars in Thousands ($137,500 = $138)

Project Cost

TOTAL PROJECT COSTS All Years and All Funding Sources	**Project Costs** All Prior Years	**Project Costs** FY 2002-03	**Project Costs** FY 2004-05	**Project Costs** FY 2006-07	**Project Costs** All Years	**Project Start** (Month/Year)	**Project Finish** (Month/Year)
1. Property Acquisition							
Land, Land Easements, Options	$0	$0	$0	$0	$0		
Land and Buildings	0	0	0	0	0		
2. Predesign Fees	32	0	0	0	32	04/1998	01/2001
3. Design Fees							
Schematic	0	22	0	0	22	08/2002	10/2002
Design Development	0	28	0	0	28	11/2002	12/2002
Contract Documents	0	85	0	0	85	01/2003	02/2003
Construction Administration	0	48	0	0	48	12/2002	03/2003
4. Project Management						12/2002	10/2003
State Staff Project Management	0	0	0	0	0		
Non-State Project Management	0	82	0	0	82		
Commissioning	0	0	0	0	0		
Other Costs	0	0	0	0	0		
5. Construction Costs						03/2003	10/2003
Site & Building Preparation	0	0	0	0	0		
Demolition/Decommissioning	0	40	0	0	40		
Construction	0	1,524	0	0	1,524		
Infrastructure/Roads/Utilities	0	696	0	0	696		
Hazardous Material Abatement	0	21	0	0	21		
Construction Contingency	0	72	0	0	72		
Other Costs	0	0	0	0	0		
6. One Percent for Art	0	15	0	0	15		
7. Relocation Expenses	0	0	0	0	0		
8. Occupancy						05/2003	10/2003
Furniture, Fixtures and Equipment	0	582	0	0	582		
Telecommunications (voice & data)	0	28	0	0	28		
Security Equipment	0	10	0	0	10		
Other Costs	0	0	0	0	0		
SUBTOTAL: (items 1 – 8)	32	3,253	0	0	3,285		
9. Inflation							
Midpoint of Construction		05/2003					
Inflation Multiplier		7.60%	0.00%	0.00%			
Inflation Cost		247	0	0	247		
GRAND TOTAL	$32	$3,500	$0	$0	$3,532		

Dollars in Thousands ($137,500 = $138)

CAPITAL FUNDING SOURCES	Prior Years	FY 2002-03	FY 2004-05	FY 2006-07	TOTAL
State Funds :					
G.O Bonds/State Bldgs	0	3,500	0	0	3,500
State Funds Subtotal	0	3,500	0	0	3,500
Agency Operating Budget Funds	32	0	0	0	32
Federal Funds	0	0	0	0	0
Local Government Funds	0	0	0	0	0
Private Funds	0	0	0	0	0
Other	0	0	0	0	0
TOTAL	**32**	**3,500**	**0**	**0**	**3,532**

CHANGES IN STATE OPERATING COSTS	Changes in State Operating Costs (Without Inflation)			
	FY 2002-03	FY 2004-05	FY 2006-07	FY 2008-09
Compensation -- Program and Building Operation	0	0	0	0
Other Program Related Expenses	0	0	0	0
Building Operating Expenses	0	0	0	0
Building Repair and Replacement Expenses	0	0	0	0
State-Owned Lease Expenses	0	0	0	0
Nonstate-Owned Lease Expenses	0	0	0	0
Expenditure Subtotal	0	0	0	0
Revenue Offsets	0	0	0	0
TOTAL CHANGES	0	0	0	0
Change in F.T.E. Personnel	0.0	0.0	0.0	0.0

SOURCE OF FUNDS FOR DEBT SERVICE PAYMENTS (for bond-financed projects only)	Amount	Percent of Total
General Fund	2,345	67.0%
User Financing	1,155	33.0%

STATUTORY AND OTHER REQUIREMENTS Project applicants should be aware that the following requirements will apply to their projects after adoption of the bonding bill.	
Yes	MS 16B.335 (1a): Construction/Major Remodeling Review (by Legislature)
No	MS 16B.335 (1b): Project Exempt From This Review (by Legislature)
No	MS 16B.335 (2): Other Projects (require legislative notification)
Yes	MS 16B.335 (3): Predesign Review Required (by Administration Dept)
Yes	MS 16B.335 (4): Energy Conservation Requirements
Yes	MS 16B.335 (5): Information Technology Review (by Office of Technology)
Yes	MS 16A.695: Public Ownership Required (as per Finance Dept.)
No	MS 16A.695: Use Agreement Required (as per Finance Dept)
No	MS 16A.695: Program Funding Review Required (by granting agency)
Yes	Matching Funds Required (as per agency request)
Yes	Project Cancellation in 2007 (as per Finance Dept)

Department of Administration Analysis:

The Strategic Planning and Systemwide presentations are concise and in complete compliance with the agencies long-range format with a programmed balance.

The premise of MnSCU to emphasize community, enrollment and science into their requests is paramount. By utilizing a balance of requested bonded monies with asset preservation and operating funds to modify existing facilities to meet long-range goals speaks highly of the thought placed in preparation of this request.

There is perhaps greater substantiated data listed in the individual requests from Metro colleges versus Greater Minnesota facilities however, the premise is definitely on science and technology. One area, "IT", really will assist Greater Minnesota campuses because of the more rural infrastructure however, the request for a new Metro State University Library and Technical Center in St. Paul is adjacent to the Connect Minnesota cable infrastructure that could expand that facility's outreach to the St. Paul Network and Capitol loops, then on to Minneapolis, St. Cloud, Alexandria, Fergus Falls, and Moorhead. All are within a reach of that potential infrastructure.

Department of Finance Analysis:

This project will remodel the same wing at both the Eden Prairie and Brooklyn Park campuses, and provide different access to the Brooklyn Park campus. The analysis indicates that operating costs will not change.

Predesign was completed on this project in 1997, and updated in 2000. College staff indicated that it has not yet been determined what programs or classes the remodeled space would accommodate.

Enrollment growth at Hennepin TC is 6.2% from FY 2000 to FY 2002, as of October 2001, below the system average and the technical college average. However, their financial reserves at the end of FY 2001 were 7.4% of their previous year's operating revenues, the second highest in the MnSCU system. The 2001 MnSCU Space Utilization Study indicates Hennepin TC has a surplus of 3%.

Governor's Recommendation:

The Governor does not recommend capital funding for this request.

STATEWIDE STRATEGIC SCORE		
Criteria	**Values**	**Points**
Critical Life Safety Emergency - Existing Hazards	0/700	0
Critical Legal Liability - Existing Liability	0/700	0
Prior Binding Commitment	0/700	0
Strategic Linkage - Agency Six Year Plan	0/40/80/120	40
Safety/Code Concerns	0/35/70/105	35
Customer Service/Statewide Significance	0/35/70/105	35
Agency Priority	0/25/50/75/100	50
User and Non-State Financing	0-100	33
State Asset Management	0/20/40/60	20
State Operating Savings or Operating Efficiencies	0/20/40/60	0
Contained in State Six-Year Planning Estimates	0/25/50	25
Total	700 Maximum	238

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2002 STATE APPROPRIATION REQUEST: $5,496,000

AGENCY PROJECT PRIORITY: 16 of 28

PROJECT LOCATION: Virginia

PROJECT DESCRIPTION AND RATIONALE:

Remodel and renewal of all infrastructure components for Learning Resource Center, Library, Student Commons, classrooms, and offices to meet all HVAC, life safety codes and accommodations for changing technology.

Remodel, furnish and equip existing classrooms into biology, chemistry and photo labs, with chemical storage areas and mechanical ventilation to meet safety and fire codes. Remodel, furnish and equip existing labs into smart classrooms wired to enable students and faculty to use technology in the learning process. Construct a loading dock and a driveway accommodating community use and emergency access to theatre and gym.

The project includes approximately 1,500 gsf of new construction for a loading dock, approximately 16,370 square feet of remodeled space for labs and approximately 44,370 additional sq. ft. of asset preservation for LRC, classrooms and offices.

PROJECT RATIONALE AND RELATIONSHIP TO AGENCY LONG RANGE STRATEGIC PLAN AND CAPITAL PLAN:

MnSCU Strategic Plan:

The science lab remodel at Mesabi Range will prepare students for well-paid, technical jobs in environmental sciences. Governmental agencies and local employers need persons who can maintain and improve freshwater rivers and streams, who can respond to environmental impact issues caused by the mining and logging companies. The economy of Northern Minnesota depends on a clean environment. This project meets MnSCUs Strategic Goals and the Strategic Facilities Principles to support quality education in the following ways:

- *Student Success*: Biology and chemistry courses designed for transfer must use the same technology base for learning that students will encounter in upper-level university courses. Laboratories using computers and software applications are required for modern teaching methodologies.
- *Institutional Excellence and Quality:* Currently biology and chemistry labs and storage spaces are non-compliant with air quality, fire, and life safety standards. With this project students and faculty will now learn and work in a healthy environment, with the technological support for a quality education. This project will also utilize future-oriented technology to enhance teaching and learning.
- *MnSCU System Leadership*: Laboratory space must be upgraded so a complete transfer curriculum can be offered to meet regional employment needs. Remodeling space will support use of the existing space for customized training to business and industry partners and community use.

Mesabi Range Master Plan:

The Mesabi Range campus must continue to offer a quality transfer program, support business, industry and governmental needs for training in environmental sciences, partner with K-12 schools in quality programs; as well as offer life-long education and cultural opportunities for the community.

Master Academic Plan:
Goals of the Master Academic Plan that are supported by this project:

- Faculty will be prepared to teach in classrooms and labs with up-to-date technology,
- Students will have access to technology and software used in the MnSCU universities and regional colleges articulated with the transfer program,
- Academic curricula will correspond to defined needs of regional employers (government, mining, logging, tourism),
- Learning will be viewed as life-long, accessible, and available to learners, and
- Education will have an inclusive definition: credit courses, non-credit courses, workshops, cultural events, community dialogue and sharing.

Enrollment and Space Utilization:

The college has grown from a full-time enrollment of 1,109 FYE in 1992 to 1,136 FYE in 2001.

Mesabi CTC	FY 1992	FY 2001	FY 2002
FYE	1,109	1,136	1,310 (Projected)

Originally, this project was conceived as a building addition, however, in light of the 1999 Paulien Space Study that showed a small space surplus at Virginia, the project was changed to a flip of science labs and classrooms in order to modernize both within the existing structure. The 2001 Paulien Space Study found a 15% deficit of space on the Virginia campus, mostly in teaching laboratories and physical plant.

Project Rationale and Predesign:

This project will provide the Learning Resource Center and Library with the climate control and technology upgrades necessary for research and learning. Design for this project was funded in a 1998 legislative appropriation.
Newly remodeled chemistry and biology (three total) labs will resolve existing problems of unsafe, non code-compliant ventilation systems and chemical storage areas. New labs will provide safe and more efficient spaces that compliment modern teaching methodologies. The Space Utilization study pointed out that larger lab space was not needed, but the Facilities Condition Assessment pointed out that current lab space was functionally and technologically outdated. This flip and upgrade of space is an elegant solution to maximize the functionality and utilization of all spaces in the college. The vacated science labs will be remodeled into smart classrooms to enable distance education at Virginia. Additional surveys completed in 1999 and 2000 verify the need for major infrastructure upgrade/renewal in order to accomplish required heating and ventilation loads in lab spaces.

The current request is not for new square footage, but for better utilization of existing square footage, as well as renewal and upgrading of the existing space to meet current educational delivery methods, and students' demands for basic science education.

The renewed classroom and library areas will resolve $570,000 in deferred maintenance, including building envelope preservation, and fire/life safety issues associated with the current, non-compliant corridor return air system. The project will also provide sprinkler protection, ventilation, and air conditioning to all new, remodeled and renewed spaces thus creating a safer, more comfortable facility.

A new entry road to Ninth Avenue will enable emergency vehicles to more easily access the facility. (This is a major issue in the winter months when the existing main access road becomes difficult to navigate.) The new driveway and entry will provide a more apparent "front door" at the campus that welcomes access to life-long education, interaction and mutual student/incumbent worker/community use.

Predesign is complete and was reviewed by MnSCU in May 2001. The legislature funded design in 1998. Schematic design is scheduled for approval by the Board of Trustees in December 2001, with final design complete by June 2002.

IMPACT ON STATE AGENCY OPERATING BUDGETS (FACILITIES NOTE):

The operating budget will increase annually by $38,000 as a result of this project. This number includes the price of consumables and equipment replacement, as well as an increase of 0.7 maintenance FTE.

OTHER CONSIDERATIONS:

Site Selection Alternatives:

The majority of the project is in renewal and remodeling, so there are no site considerations. No land acquisition cost is required.

Consequences of Delayed Funding:

Project received $500,000 appropriation in 1998. Construction escalation has required the College to reduce and modify the original building program. Project includes significant fire/life safety issues including rectifying non-code compliant HVAC systems and provision of code compliant fire detection and suppression system. Storage of controlled materials for science lab classes in insufficient and poses risk. Current labs, classrooms and LRC have indoor air quality problems making it difficult to provide an efficient teaching and learning environment.

Lack of a clearly defined entry and way-finding system poses problems for new students, business/industry access for customized training, community members accessing continuing education, cultural events, or meeting spaces. A welcoming entrance defines the communication posture we want with the community.

PROJECT CONTACT PERSON, TITLE, ADDRESS, PHONE, FAX, AND E-MAIL:

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Minnesota State Colleges & Universities
NEHED Virginia - Lab, Classroom, LRC Remodel

AGENCY CAPITAL BUDGET REQUEST
Fiscal Years 2002-2007
Dollars in Thousands ($137,500 = $138)

Project Cost

TOTAL PROJECT COSTS All Years and All Funding Sources	**Project Costs** All Prior Years	**Project Costs** FY 2002-03	**Project Costs** FY 2004-05	**Project Costs** FY 2006-07	**Project Costs** All Years	**Project Start** (Month/Year)	**Project Finish** (Month/Year)
1. Property Acquisition							
Land, Land Easements, Options	$0	$0	$0	$0	$0		
Land and Buildings	0	0	0	0	0		
2. Predesign Fees	60	0	0	0	60	10/2000	05/2001
3. Design Fees							
Schematic	81	0	0	0	81	05/2001	11/2001
Design Development	60	0	0	0	60	01/2002	06/2002
Contract Documents	164	0	0	0	164	07/2002	09/2002
Construction Administration	0	138	0	0	138	08/2002	10/2002
4. Project Management						08/2002	04/2004
State Staff Project Management	0	0	0	0	0		
Non-State Project Management	95	30	0	0	125		
Commissioning	0	17	0	0	17		
Other Costs	0	0	0	0	0		
5. Construction Costs						01/2003	03/2004
Site & Building Preparation	25	25	0	0	50		
Demolition/Decommissioning	0	89	0	0	89		
Construction	0	3,777	0	0	3,777		
Infrastructure/Roads/Utilities	0	174	0	0	174		
Hazardous Material Abatement	15	95	0	0	110		
Construction Contingency	0	280	0	0	280		
Other Costs	0	0	0	0	0		
6. One Percent for Art	0	38	0	0	38		
7. Relocation Expenses	0	0	0	0	0		
8. Occupancy						07/2003	03/2004
Furniture, Fixtures and Equipment	0	278	0	0	278		
Telecommunications (voice & data)	0	100	0	0	100		
Security Equipment	0	34	0	0	34		
Other Costs	0	0	0	0	0		
SUBTOTAL: (items 1 – 8)	500	5,075	0	0	5,575		
9. Inflation							
Midpoint of Construction		07/2003					
Inflation Multiplier		8.30%	0.00%	0.00%			
Inflation Cost		421	0	0	421		
GRAND TOTAL	$500	$5,496	$0	$0	$5,996		

Dollars in Thousands ($137,500 = $138)

CAPITAL FUNDING SOURCES	Prior Years	FY 2002-03	FY 2004-05	FY 2006-07	TOTAL
State Funds :					
G.O Bonds/State Bldgs	500	5,496	0	0	5,996
State Funds Subtotal	500	5,496	0	0	5,996
Agency Operating Budget Funds	0	0	0	0	0
Federal Funds	0	0	0	0	0
Local Government Funds	0	0	0	0	0
Private Funds	0	0	0	0	0
Other	0	0	0	0	0
TOTAL	**500**	**5,496**	**0**	**0**	**5,996**

CHANGES IN STATE OPERATING COSTS	Changes in State Operating Costs (Without Inflation)			
	FY 2002-03	FY 2004-05	FY 2006-07	FY 2008-09
Compensation -- Program and Building Operation	0	25	50	50
Other Program Related Expenses	0	0	0	0
Building Operating Expenses	0	12	25	25
Building Repair and Replacement Expenses	0	0	0	0
State-Owned Lease Expenses	0	0	0	0
Nonstate-Owned Lease Expenses	0	0	0	0
Expenditure Subtotal	0	37	75	75
Revenue Offsets	0	0	0	0
TOTAL CHANGES	0	37	75	75
Change in F.T.E. Personnel	0.0	0.3	0.7	0.7

PREVIOUS STATE CAPITAL APPROPRIATIONS FOR THIS PROJECT (Legal Citations) Laws of Minnesota (year), Chapter, Section, Subdivision	Amount
Laws of Minn 1998, Chap 404, Sec 3, Subd 11, Design Lab, Classrm, LRC	500
TOTAL	**500**

SOURCE OF FUNDS FOR DEBT SERVICE PAYMENTS (for bond-financed projects only)	Amount	Percent of Total
General Fund	3,683	67.0%
User Financing	1,813	33.0%

STATUTORY AND OTHER REQUIREMENTS
Project applicants should be aware that the following requirements will apply to their projects after adoption of the bonding bill.

Yes	MS 16B.335 (1a): Construction/Major Remodeling Review (by Legislature)
No	MS 16B.335 (1b): Project Exempt From This Review (by Legislature)
No	MS 16B.335 (2): Other Projects (require legislative notification)
Yes	MS 16B.335 (3): Predesign Review Required (by Administration Dept)
Yes	MS 16B.335 (4): Energy Conservation Requirements
Yes	MS 16B.335 (5): Information Technology Review (by Office of Technology)
Yes	MS 16A.695: Public Ownership Required (as per Finance Dept.)
No	MS 16A.695: Use Agreement Required (as per Finance Dept)
No	MS 16A.695: Program Funding Review Required (by granting agency)
Yes	Matching Funds Required (as per agency request)
Yes	Project Cancellation in 2007 (as per Finance Dept)

Department of Administration Analysis:

The Strategic Planning and Systemwide presentations are concise and in complete compliance with the agencies long-range format with a programmed balance.

The premise of MnSCU to emphasize community, enrollment and science into their requests is paramount. By utilizing a balance of requested bonded monies with asset preservation and operating funds to modify existing facilities to meet long-range goals speaks highly of the thought placed in preparation of this request.

There is perhaps greater substantiated data listed in the individual requests from Metro colleges versus Greater Minnesota facilities however, the premise is definitely on science and technology. One area, "IT", really will assist Greater Minnesota campuses because of the more rural infrastructure however, the request for a new Metro State University Library and Technical Center in St. Paul is adjacent to the Connect Minnesota cable infrastructure that could expand that facility's outreach to the St. Paul Network and Capitol loops, then on to Minneapolis, St. Cloud, Alexandria, Fergus Falls, and Moorhead. All are within a reach of that potential infrastructure.

Clarification is needed betweent eh narrative numbers from the narrative on project description to the construction cost sheet.

Department of Finance Analysis:

Enrollment has been relatively flat at this college. Enrollment is now up 12% from same time previous year, primarily due to LTV and other displacements. The project includes renovation of the library, common areas, and classrooms, as well as construction of a loading dock, emergency access to the theater and gym, and renovation of labs into "smart classrooms." Minimal changes in operating costs are expected. Funding for predesign was provided in the 1998 bonding bill. This project is in the first tier of the MnSCU scoring analysis.

Numerous safety issues would be addressed by this project. The day care has no sprinkler system, parts of the building are not accessible from the outside to emergency vehicles. One of the biology labs has a very bad ongoing odor, due to no venting or air exchange, and has no sprinklers.

Enrollment growth as of October 2001 was just 1.7% from FY 2000 to FY 2002, significantly below the MnSCU average and the average for technical colleges. Their financial reserves at the end of FY 2001 were 4.8% of previous year's operating revenues, slightly higher than MnSCUs average but slightly below the stated policy goal.

STATEWIDE STRATEGIC SCORE		
Criteria	**Values**	**Points**
Critical Life Safety Emergency - Existing Hazards	0/700	0
Critical Legal Liability - Existing Liability	0/700	0
Prior Binding Commitment	0/700	0
Strategic Linkage - Agency Six Year Plan	0/40/80/120	40
Safety/Code Concerns	0/35/70/105	70
Customer Service/Statewide Significance	0/35/70/105	35
Agency Priority	0/25/50/75/100	50
User and Non-State Financing	0-100	33
State Asset Management	0/20/40/60	20
State Operating Savings or Operating Efficiencies	0/20/40/60	0
Contained in State Six-Year Planning Estimates	0/25/50	0
Total	700 Maximum	248

The 2001 MnSCU Space Utilization Study indicates NEHED Virginia has a space deficit of 15%.

Governor's Recommendation:

The Governor does not recommend capital funding for this request.

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2002 STATE APPROPRIATION REQUEST: $700,000

AGENCY PROJECT PRIORITY: 17 of 28

PROJECT LOCATION: Lake Superior Community & Technical College

PROJECT DESCRIPTION AND RATIONALE:

This is Phase 1 of a two-phase project to design a Student Mecca addition (34,411 GSF) to Lake Superior College to house consolidated system of student services, multi-media (or smart) classrooms, and open labs. Over the span of its five-year history, Lake Superior College has set a goal of improving learning and services for students through increased use of instructional technology. This project is one of many steps toward achieving that goal.

Lake Superior College is requesting design funds in 2002 and construction funds for Phase 1 in 2004. Phase 2 will include a joint project with the city of Duluth to add physical education space (60,000 GSF).

PROJECT RATIONALE AND RELATIONSHIP TO AGENCY LONG RANGE STRATEGIC PLAN AND CAPITAL PLAN:

MnSCU Strategic Plan:
This project is in direct support of the MnSCU strategic goals of:

- *Student Success* - by giving students better opportunities to achieve their educational and career goals through facilities that will provide the capacity for high quality learning and support services.
- *Institutional Excellence and Quality* - by allowing for the provision of high-quality, future-oriented programs, services and facilities aligned to the needs of students, surrounding communities and businesses.

Lake Superior College Master Plan:

The Lake Superior College Master Academic Plan of 2000 identified strategic institutional goals in technology and student services/student life. The Master Academic Plan identified 24 strategic objectives classified under the four broad strategic MnSCU goals. This project directly addresses the following goals found in the college's Master Academic Plan:

- Ensure adequate technical support for learners and the instructors and staff who assist them in the use of technological innovations,
- Establish a virtual learning community on campus, including student service activities,
- Increase the college's distance education program and services,
- Establish additional dedicated space to enhance student life,
- Expand the college's involvement in workforce development initiatives with the City of Duluth,
- Engage in expanded collaborative initiatives,
- Establish dedicated space for adequately meeting the instructional technology and student support needs, and
- Establish space to meet expanding training needs.

In addition, this project is specifically identified as part of the long-range capital improvement plan in the Lake Superior College master facilities plan. It will allow us to improve services to our students, expand capacity to serve our customers, and allow new technology in the delivery of instruction through smart classrooms, and clear up 50%, or $460,000 of deferred maintenance costs in the 1999 assessment.

Space Utilization and Enrollment:

Lake Superior FYE Enrollment:	FY 2000 Actual	FY 2002 Projected
	2,230	2,701

LSC's enrollment grew by 4% last year and is currently exceeding projections by 13%. Enrollment has grown by 49% in the last 10 years (from 1991).

Based on the 2001 Paulien study, Lake Superior shows an overall space deficit of 46%. The Space Utilization Study indicated serious deficits in open laboratories (-454%), physical education, recreation and athletics (-483%), and special use, general use and support facilities (-80%), as well as a 52% deficit in classroom space. With enrollment now exceeding 2002 projections, these deficits will only increase.

Project Rationale and Predesign:

All computer-oriented academic programs will benefit from additional open laboratories, currently showing a 454% space deficit. Classrooms equipped with multi-media technology will benefit programs throughout the campus.

Additionally, these new facilities will address the current 58% deficit the college faces in the areas of special use, general use and support:

- media production,
- PTA and OTA clinics,
- central computer and telecommunications support, and
- CT/CE division--one of the fastest growing components of the college's educational offerings.

The college's enrollment, counseling, and other support services are located in the oldest section of the building, built in 1968. The spaces are not configured to

provide efficient services to students and it would not be possible to remodel these areas. Students are not served well by the current facility configuration.

The Minnesota Department of Economic Security and UMD Center for Economic Development recently completed the Northeast Minnesota Skills Assessment Report. The report recommended that Northeast Minnesota focus economic development efforts on improving education and training systems, that it grow high wage local companies, and that it seek to retain and attract more young workers. The report identified the largest number of firms in the city as located in the trade and service sectors of the economy. The three sectors with the largest employment are trades, services and government. Lastly, St. Louis and Douglas counties have the highest percentage of available labor in the surrounding area. These demographic data, and the recommendations in the skills assessment report, support the Lake Superior College project.

The predesign was completed in September 2001, and reviewed by MnSCU and Admin.

IMPACT ON STATE AGENCY OPERATING BUDGETS (FACILITIES NOTE):

The operating budget will increase approximately $148,000 annually with the additional square feet in this proposal. Operational costs are expected to increase $112,000 per year, and one additional one FTE will be hired, for an additional yearly cost of $36,000.

Lake Superior College has been recognized by MnSCU twice in the previous two years for excellence in financial management. This history demonstrates Lake Superior College's capacity to financially support this project. Debt service at Lake Superior College is currently zero.

OTHER CONSIDERATIONS:

Site Selection:

No other sites were considered, as the college already owns this land. In addition, the Board of Trustees' policy is to attach buildings contiguously whenever feasible.

Consequences of Delayed Funding:

Lake Superior College has reached its maximum facility use in the current space, as the Paulien study demonstrates. Current student service space is cramped, inefficient, and spread throughout the college. Spaces to support the college's rapidly expanding on-line, computer careers and customized training programs are needed.

Should this project not be funded, the college will face the following realities:

- Inefficient and inadequate support to students,
- No facilities to enrich student life,
- Limited child care,
- Rising external facility rental costs,
- Limited support for business/industry training,
- Stagnant learning modalities lacking emphasis in innovative technologies,
- Decrease in community leadership for educational excellence,
- Stagnant or declining enrollment,
- Continued and increased stress on already inadequate facilities,
- Rising asset preservation costs and closure of depreciated spaces.

PROJECT CONTACT PERSON, TITLE, ADDRESS, PHONE, FAX, AND E-MAIL:

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Minnesota State Colleges & Universities
Lake Superior C&TC - Design Academic Addition

AGENCY CAPITAL BUDGET REQUEST
Fiscal Years 2002-2007
Dollars in Thousands ($137,500 = $138)

Project Cost

TOTAL PROJECT COSTS All Years and All Funding Sources	**Project Costs** All Prior Years	**Project Costs** FY 2002-03	**Project Costs** FY 2004-05	**Project Costs** FY 2006-07	**Project Costs** All Years	**Project Start** (Month/Year)	**Project Finish** (Month/Year)
1. Property Acquisition							
Land, Land Easements, Options	$0	$0	$0	$0	$0		
Land and Buildings	0	0	0	0	0		
2. Predesign Fees	73	0	0	0	73	12/1999	09/2001
3. Design Fees							
Schematic	0	82	0	0	82	09/2002	11/2002
Design Development	0	108	0	0	108	01/2003	05/2003
Contract Documents	0	220	0	0	220	06/2003	09/2003
Construction Administration	0	135	0	0	135	05/2003	11/2005
4. Project Management						11/2003	02/2006
State Staff Project Management	0	0	0	0	0		
Non-State Project Management	0	100	0	0	100		
Commissioning	0	0	31	0	31		
Other Costs	0	0	0	0	0		
5. Construction Costs						08/2004	02/2006
Site & Building Preparation	0	0	285	0	285		
Demolition/Decommissioning	0	0	80	0	80		
Construction	0	0	5,641	0	5,641		
Infrastructure/Roads/Utilities	0	0	0	0	0		
Hazardous Material Abatement	0	55	94	0	149		
Construction Contingency	0	0	175	0	175		
Other Costs	0	0	0	0	0		
6. One Percent for Art	0	0	56	0	56		
7. Relocation Expenses	0	0	0	0	0		
8. Occupancy						01/2005	02/2006
Furniture, Fixtures and Equipment	0	0	350	0	350		
Telecommunications (voice & data)	0	0	170	0	170		
Security Equipment	0	0	50	0	50		
Other Costs	0	0	0	0	0		
SUBTOTAL: (items 1 – 8)	73	700	6,932	0	7,705		
9. Inflation							
Midpoint of Construction			02/2005				
Inflation Multiplier		0.00%	15.40%	0.00%			
Inflation Cost		0	1,068	0	1,068		
GRAND TOTAL	$73	$700	$8,000	$0	$8,773		

Dollars in Thousands ($137,500 = $138)

CAPITAL FUNDING SOURCES	Prior Years	FY 2002-03	FY 2004-05	FY 2006-07	TOTAL
State Funds :					
G.O Bonds/State Bldgs	0	700	8,000	0	8,700
State Funds Subtotal	0	700	8,000	0	8,700
Agency Operating Budget Funds	73	0	0	0	73
Federal Funds	0	0	0	0	0
Local Government Funds	0	0	0	0	0
Private Funds	0	0	0	0	0
Other	0	0	0	0	0
TOTAL	**73**	**700**	**8,000**	**0**	**8,773**

CHANGES IN STATE OPERATING COSTS	Changes in State Operating Costs (Without Inflation)			
	FY 2002-03	FY 2004-05	FY 2006-07	FY 2008-09
Compensation -- Program and Building Operation	0	0	63	72
Other Program Related Expenses	0	0	0	0
Building Operating Expenses	0	0	196	224
Building Repair and Replacement Expenses	0	0	0	0
State-Owned Lease Expenses	0	0	0	0
Nonstate-Owned Lease Expenses	0	0	0	0
Expenditure Subtotal	0	0	259	296
Revenue Offsets	0	0	0	0
TOTAL CHANGES	0	0	259	296
Change in F.T.E. Personnel	0.0	0.0	1.0	1.0

SOURCE OF FUNDS FOR DEBT SERVICE PAYMENTS (for bond-financed projects only)	Amount	Percent of Total
General Fund	469	67.0%
User Financing	231	33.0%

STATUTORY AND OTHER REQUIREMENTS Project applicants should be aware that the following requirements will apply to their projects after adoption of the bonding bill.	
Yes	MS 16B.335 (1a): Construction/Major Remodeling Review (by Legislature)
No	MS 16B.335 (1b): Project Exempt From This Review (by Legislature)
No	MS 16B.335 (2): Other Projects (require legislative notification)
Yes	MS 16B.335 (3): Predesign Review Required (by Administration Dept)
Yes	MS 16B.335 (4): Energy Conservation Requirements
Yes	MS 16B.335 (5): Information Technology Review (by Office of Technology)
Yes	MS 16A.695: Public Ownership Required (as per Finance Dept.)
No	MS 16A.695: Use Agreement Required (as per Finance Dept)
No	MS 16A.695: Program Funding Review Required (by granting agency)
Yes	Matching Funds Required (as per agency request)
Yes	Project Cancellation in 2007 (as per Finance Dept)

Department of Administration Analysis:

I found the Strategic Planning and Systemwide presentations to be concise, in complete compliance with the agencies long-range format with a programmed balance that has been unmatched in recent years on state agency submittals.

The premise of MnSCU to emphasize community, enrollment and science into their requests is paramount throughout the individual presentations. The fact to utilize a balance of requested bonded monies with asset preservation and operating funds to modify existing facilities to meet long-range goals speaks highly of the thought placed into this entire thesis.

My compliments for a job well done!

There is perhaps greater substantiated data listed in the individual requests from Metro colleges versus Greater Minnesota facilities however, the premise is definitely on science and technology. One area, "IT", really will assist Greater Minnesota campuses because of the more rural infrastructure however, the request for a new Metro State University Library and Technical Center in St. Paul is adjacent to the Connect Minnesota cable infrastructure that could expand that facility's outreach to the St. Paul Network and Capitol loops, then on to Minneapolis, St. Cloud, Alexandria, Fergus Falls, and Moorhead. All are within a reach of that potential infrastructure. What potential!

Likewise, there are comments on ranges of costs and to make it clear I realize there are asset preservation monies being applied to a multitude of these projects and therefore take my comments as more of a "check and balance" not, a directive!

Again the square foot numbers form the narrative to page 2 to not align. The occupancy costs are within the range but the remodeling costs on the high range but that may be due to NE Minnesota.

Department of Finance Analysis:

In June 1998 the MnSCU Board adopted seven principles that were to guide their capital budget development process. These principles led to a four-point order of priority for the 2002-03 capital program: 1) Life Safety and Asset Preservation 2) Program Enhancement 3) Facility Revitalization Replacement, and 4) Cooperative Ventures.

The MNSCU System has established a scoring system, similar to DOFs scoring system, to review and score each capital request. Up to 360 points are possible. These scores should reflect the degree to which the project meets the principles and order of priorities. Projects were grouped into tiers (i.e. every project with more than 200 points was put in the first tier).

STATEWIDE STRATEGIC SCORE		
Criteria	**Values**	**Points**
Critical Life Safety Emergency - Existing Hazards	0/700	0
Critical Legal Liability - Existing Liability	0/700	0
Prior Binding Commitment	0/700	0
Strategic Linkage - Agency Six Year Plan	0/40/80/120	40
Safety/Code Concerns	0/35/70/105	0
Customer Service/Statewide Significance	0/35/70/105	35
Agency Priority	0/25/50/75/100	50
User and Non-State Financing	0-100	33
State Asset Management	0/20/40/60	0
State Operating Savings or Operating Efficiencies	0/20/40/60	0
Contained in State Six-Year Planning Estimates	0/25/50	0
Total	700 Maximum	158

The strategic planning summary also notes the five criteria established by the legislature in the past bonding bill for prioritizing higher education bonding requests. There is little discussion of these criteria and how they are incorporated into the way MnSCU has prioritized their projects.

Three-fourths of the new construction is expected to be for student services/workforce center/IT. More detail would be helpful on the Workforce Center component, as well as which programs are expected to grow. One FTE and $259,000 per biennium are expected to be added to the Lake Superior Community and Technical College budget.

Governor's Recommendation:

The Governor does not recommend capital funding for this request.

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2002 STATE APPROPRIATION REQUEST: $580,000

AGENCY PROJECT PRIORITY: 18 of 28

PROJECT LOCATION: Southeast Technical College

PROJECT DESCRIPTION AND RATIONALE:

Winona Campus:
Design, remodel, furnish and equip 6,500 GSF for a one-stop student services area and Workforce Center entrance at Winona. This is Phase 2 of a Student Services Improvement plan. The College completed the 1st phase at a cost of $35,000 with operating funds.

This 2nd phase would complete the improvements needed to provide a one-stop shop for MSC-ST students and clients of the Department of Economic Security Workforce Center currently co-located on the Winona campus. It would relocated financial aid to the business office and remodel the business office, freeing up space for the student services remodeling. It will enlarge the bookstore by taking some space from the Student Center/cafeteria. This request was included in the FY 2000 MnSCU capital request.

Red Wing Campus:
Design, through construction documents, a remodeling of the student services area and Student Center entrance at Red Wing. Construction for this project will be requested in 2004.

PROJECT RATIONALE AND RELATIONSHIP TO AGENCY LONG RANGE STRATEGIC PLAN AND CAPITAL PLAN:

MnSCU Strategic Plan:
Phase 2 ties in with MnSCU Strategic Goals 1 through 3:

- *Student Success:* The students will achieve their educational and career goals through high quality learning and support services. Student services is the first impression Workforce Center clients will have of their college experience, and it should be convenient, transparent, and welcoming. This project will further allow flexibility of cross-training of staff, which in turn allows students to be served in a one-stop atmosphere.
- *Institutional Excellence and Quality:* Will complete a one-stop service area for all student services needs, as well as better integration with Workforce Center. This project will enable services to students to improve and grow as needs change over time.
- *Community Collaboration and Partnership:* Collaboration with the Workforce Centers and JTPA program will provide a unique opportunity for synergistic services to students and employers.

One-stop student services shops has been an important facility principle for MnSCU since 1997. This integration allows services to students to be more user-friendly; to take better advantage of information technology and on-line registration, and to improve as needs change over the years.

Southeast Technical College Master Plan:

This project is supported by Minnesota State College-Southeast Technical's Master Plan. This project is in support of four of the five strategic goals:

- *Curriculum and Programs*: Provide programs and curriculum that ensure the success of all learners.
- *Staff Development and Climate*: Maintain a professional environment, and enhance the technical and teaching skills of faculty and staff.
- *College Services*: Provide services to support students and employees.
- *Facilities and Technology*: Utilize technology to enhance teaching and learning, administrative systems, and student support.

Enrollment and Space Utilization:

The college has grown from a full-time enrollment of 1,063 FYE in 1998 to 1,086 FYE in 2001. MSC-ST is experiencing a 4% annual growth in enrollment and projects 1,290 FYE in 2002.

MSC – SETC	FY 1998	FY 2001	FY 2002
FYE	1,063	1,086	1,290 (Projected)

This project involves renovating existing space to provide a more functional and efficient student services, business office and bookstore areas. Immediate needs, as identified and supported in our Space Utilization Study, include: a) a private conference room for student counseling, b) additional work area for support staff, c) additional counseling offices that respect confidentiality, d) a larger business office, and e) a larger and more strategically placed bookstore. The Space Utilization Study projects a 6% deficit of classroom space by 2006 with a projected increase in enrollments of 30% in some program areas.

Project Rationale and Predesign:

- **One stop shop for students:** Student advising, assessment, counseling, financial aid, recruitment, retention, registration, job placement, college marketing and outreach programs will all be integrated and more centrally and visually located to fully serve students better. The design includes an information desk to make student access to all these services easier.

- **Business office:** Financial aid would be relocated from the student services to the business office to gain efficiency in operation, as well as freeing up space in student services.

- **Bookstore:** Southeast Technical College would enlarge the currently cramped bookstore by carving space out of the Student Center/cafeteria. The co-location of the bookstore, student center, and cafeteria offers optimum convenience for students in that all their incidental purchases are located in one spot.

- **Workforce Center:** This project will complete the planned integration with the Department of Economic Security's Workforce Center, that is currently housed in the Winona Campus' Main Building. The renovation will expand the area dedicated to the Career Center, resulting in improved access and greater capacity. Clients referred from the Workforce Center will receive more comprehensive, better-coordinated services from workforce and college counselors and staff all focused on student career success. The opportunity for counselors of the two organizations to work together, focused on the student client needs, will fully realize the potential of co-location.

- **Life/safety:** Items such as fire sprinkler installation and asbestos abatement would be completed in this area of the Winona building with construction, and will be part of the design for the Red Wing facility as well. Approximately $53,000 in deferred maintenance will be removed from the Winona facility condition assessment list with this project. Items corrected include fire safety and hazardous material abatement.

Phase 1 began to bring these areas together. All these improvements are taking place in the original 1965 building and, with all the changes in education and services to students; the building is not adequate to serve our customers. This project will allow for a flexible facility that better supports students' need and can grow with need.

Predesign of Phase 2 at Winona and Phase 1 at Red Wing was completed in August 2001 and was reviewed by MnSCU and Admin.

IMPACT ON STATE AGENCY OPERATING BUDGETS (FACILITIES NOTE):

This is a remodeling that does not contain any additional square footage. An indirect cost savings is less overtime, as some of the current area is not conducive for department functions. Less preparation time for registration is another savings, as the renovated area will be more efficient and spacious.

OTHER CONSIDERATIONS:

Site Selection Alternatives:

This renovation will be implemented within the existing facility.

Consequences of Delayed Funding:

Life/safety issues with the building may not be corrected. Students will not be served as efficiently as they could be. Continued inefficient use of space will impact quality of service to students and clients of the Workforce Center. The Workforce Center will continue to be a separate entity on the campus rather than an integral part of the campus.

PROJECT CONTACT PERSON, TITLE, ADDRESS, PHONE, FAX, AND E-MAIL:

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Dollars in Thousands ($137,500 = $138)

TOTAL PROJECT COSTS All Years and All Funding Sources	Project Costs All Prior Years	Project Costs FY 2002-03	Project Costs FY 2004-05	Project Costs FY 2006-07	Project Costs All Years	Project Start (Month/Year)	Project Finish (Month/Year)
1. Property Acquisition							
Land, Land Easements, Options	$0	$0	$0	$0	$0		
Land and Buildings	0	0	0	0	0		
2. Predesign Fees	12	0	0	0	12	11/1998	08/2001
3. Design Fees							
Schematic	1	26	0	0	27	08/2002	10/2002
Design Development	0	30	0	0	30	11/2002	12/2002
Contract Documents	1	56	0	0	57	01/2003	03/2003
Construction Administration	0	7	20	0	27	02/2003	05/2003
4. Project Management						03/2003	09/2003
State Staff Project Management	0	0	0	0	0		
Non-State Project Management	1	5	5	0	11		
Commissioning	0	0	0	0	0		
Other Costs	0	0	0	0	0		
5. Construction Costs						05/2003	09/2003
Site & Building Preparation	0	0	0	0	0		
Demolition/Decommissioning	5	19	50	0	74		
Construction	17	325	722	0	1,064		
Infrastructure/Roads/Utilities	0	0	0	0	0		
Hazardous Material Abatement	0	10	50	0	60		
Construction Contingency	3	23	83	0	109		
Other Costs	0	0	0	0	0		
6. One Percent for Art	0	4	10	0	14		
7. Relocation Expenses	0	0	0	0	0		
8. Occupancy						05/2003	09/2003
Furniture, Fixtures and Equipment	5	28	40	0	73		
Telecommunications (voice & data)	0	2	10	0	12		
Security Equipment	0	1	10	0	11		
Other Costs	0	0	0	0	0		
SUBTOTAL: (items 1 – 8)	45	536	1,000	0	1,581		
9. Inflation							
Midpoint of Construction		07/2003	06/2005				
Inflation Multiplier		8.30%	16.90%	0.00%			
Inflation Cost		44	169	0	213		
GRAND TOTAL	$45	$580	$1,169	$0	$1,794		

Dollars in Thousands ($137,500 = $138)

CAPITAL FUNDING SOURCES	Prior Years	FY 2002-03	FY 2004-05	FY 2006-07	TOTAL
State Funds :					
G.O Bonds/State Bldgs	0	580	1,169	0	1,749
State Funds Subtotal	0	580	1,169	0	1,749
Agency Operating Budget Funds	45	0	0	0	45
Federal Funds	0	0	0	0	0
Local Government Funds	0	0	0	0	0
Private Funds	0	0	0	0	0
Other	0	0	0	0	0
TOTAL	**45**	**580**	**1,169**	**0**	**1,794**

CHANGES IN STATE OPERATING COSTS	Changes in State Operating Costs (Without Inflation)			
	FY 2002-03	FY 2004-05	FY 2006-07	FY 2008-09
Compensation -- Program and Building Operation	0	0	0	0
Other Program Related Expenses	0	0	0	0
Building Operating Expenses	0	0	0	0
Building Repair and Replacement Expenses	0	0	0	0
State-Owned Lease Expenses	0	0	0	0
Nonstate-Owned Lease Expenses	0	0	0	0
Expenditure Subtotal	0	0	0	0
Revenue Offsets	0	0	0	0
TOTAL CHANGES	0	0	0	0
Change in F.T.E. Personnel	0.0	0.0	0.0	0.0

SOURCE OF FUNDS FOR DEBT SERVICE PAYMENTS (for bond-financed projects only)	Amount	Percent of Total
General Fund	389	67.0%
User Financing	191	33.0%

STATUTORY AND OTHER REQUIREMENTS Project applicants should be aware that the following requirements will apply to their projects after adoption of the bonding bill.	
Yes	MS 16B.335 (1a): Construction/Major Remodeling Review (by Legislature)
No	MS 16B.335 (1b): Project Exempt From This Review (by Legislature)
No	MS 16B.335 (2): Other Projects (require legislative notification)
Yes	MS 16B.335 (3): Predesign Review Required (by Administration Dept)
Yes	MS 16B.335 (4): Energy Conservation Requirements
Yes	MS 16B.335 (5): Information Technology Review (by Office of Technology)
Yes	MS 16A.695: Public Ownership Required (as per Finance Dept.)
No	MS 16A.695: Use Agreement Required (as per Finance Dept)
No	MS 16A.695: Program Funding Review Required (by granting agency)
Yes	Matching Funds Required (as per agency request)
Yes	Project Cancellation in 2007 (as per Finance Dept)

Department of Administration Analysis:

I found the Strategic Planning and Systemwide presentations to be concise, in complete compliance with the agencies long-range format with a programmed balance that has been unmatched in recent years on state agency submittals.

The premise of MnSCU to emphasize community, enrollment and science into their requests is paramount throughout the individual presentations. The fact to utilize a balance of requested bonded monies with asset preservation and operating funds to modify existing facilities to meet long-range goals speaks highly of the thought placed into this entire thesis.

My compliments for a job well done!

There is perhaps greater substantiated data listed in the individual requests from Metro colleges versus Greater Minnesota facilities however, the premise is definitely on science and technology. One area, "IT", really will assist Greater Minnesota campuses because of the more rural infrastructure however, the request for a new Metro State University Library and Technical Center in St. Paul is adjacent to the Connect Minnesota cable infrastructure that could expand that facility's outreach to the St. Paul Network and Capitol loops, then on to Minneapolis, St. Cloud, Alexandria, Fergus Falls, and Moorhead. All are within a reach of that potential infrastructure. What potential!

Likewise, there are comments on ranges of costs and to make it clear I realize there are asset preservation monies being applied to a multitude of these projects and therefore take my comments as more of a "check and balance" not, a directive!

Occupancy costs within range, consultant fees in the high range and construction costs in the low range.

Department of Finance Analysis:

In June 1998 the MnSCU Board adopted seven principles that were to guide their capital budget development process. These principles led to a four-point order of priority for the 2002-03 capital program: 1) Life Safety and Asset Preservation 2) Program Enhancement 3) Facility Revitalization Replacement, and 4) Cooperative Ventures.

The MNSCU System has established a scoring system, similar to DOF's scoring system, to review and score each capital request. Up to 360 points are possible. These scores should reflect the degree to which the project meets the principles and order of priorities. Projects were grouped into tiers (i.e. every project with more than 200 points was put in the first tier).

STATEWIDE STRATEGIC SCORE		
Criteria	**Values**	**Points**
Critical Life Safety Emergency - Existing Hazards	0/700	0
Critical Legal Liability - Existing Liability	0/700	0
Prior Binding Commitment	0/700	0
Strategic Linkage - Agency Six Year Plan	0/40/80/120	40
Safety/Code Concerns	0/35/70/105	35
Customer Service/Statewide Significance	0/35/70/105	35
Agency Priority	0/25/50/75/100	50
User and Non-State Financing	0-100	33
State Asset Management	0/20/40/60	20
State Operating Savings or Operating Efficiencies	0/20/40/60	0
Contained in State Six-Year Planning Estimates	0/25/50	25
Total	700 Maximum	238

The strategic planning summary also notes the five criteria established by the legislature in the past bonding bill for prioritizing higher education bonding requests.

Despite being MnSCU's 18th priority, this project is one of 11 in the 1st tier of their scoring analysis. It would complete improvements in the Workforce Center and student services part of the campus. No changes in operating costs are projected.

Governor's Recommendation:

The Governor does not recommend capital funding for this request.

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2002 STATE APPROPRIATION REQUEST: $500,000

AGENCY PROJECT PRIORITY: 19 of 28

PROJECT LOCATION: Dakota Technical College

PROJECT DESCRIPTION AND RATIONALE:

Design the remodeling of 43,700 GSF on the west side of the main campus facility that will result in:

- An information Technology and Telecommunications Center of Excellence, and
- An integrated library and library information technology center.

Design will also include renovation of that same 43,700 GSF. Renovation will consist of fire alarm upgrade, install fire rated corridor doors, fix a water intrusion problem along the campus north wall, and upgrade the electrical distribution system.

Academic programs impacted will be Dakota's premiere Information Technology and Telecommunications Technician program. All academic programs will benefit from an expanded and modernized library. Construction of Phase 1 will be requested in 2004.

MnSCU Strategic Plan:
This project is in direct support of the MnSCU strategic goals of:

- *Student Success* – it will provide quality learning and enhance student support services such as library research capabilities.
- *Institutional Quality and Excellence* - it will establish an Information Technology and Telecommunications Center of Excellence that will be recognized globally for its high technology, high quality, future-oriented ability to meet the needs of students, employers and the community.
- *Community Collaboration and Partnership* – there will be a $555 external match if this facility project is funded.

Dakota County Technical College Master Plan:
This project is supported by the campus master plan for Dakota County TC, which was presented to the MnSCU Board of Trustees in July 2000. The project is identified in the long-range capital improvement plan and is supported by the strategic master plan goals of:

- **Humanize:** Create a more pleasant and serviceable environment for students, staff and visitors both on the site and in the building. Funding of this request will ensure that DCTC students receive a high quality, state-of-the-art education in information technology and telecommunications.
- **Organize:** Create an academic system that makes the most of the physical facilities and the potential for share use and interests.
- **Modernize:** Bring an aging facility, which has experienced only a minimal effort at modernization, into the 21st Century. Renovations to the physical environment will enhance teaching and learning.
- **Visualize/Realize:** Maximize partnerships in a targeted high-demand, high-wage industry by offering leading edge technology to graduates and incumbent workers. Dakota County Technical College has established an internal goal of raising $555 in non-state financial resources to be applied to this project.

Metro Alliance Plan:
The proposed project enables DCTC to appropriately align programs and services in concurrence with all five goals of the Twin Cities Metropolitan Alliance. DCTC will become the Center of Excellence for telecommunications program in the metro area.

Enrollment and Space Utilization:
The college has grown from a full-time enrollment of 1,472 FYE in 1990 to 1,907 FYE in 2000. This represents a 23% increase. This rate of increase is expected to continue, as Dakota County is one of the fastest growing counties in the state.

Dakota TC	FY 1999	FY 2001	FY 2002
FYE	1,592	1,924	2,002 (Projected)

The 2001 Space Utilization Study showed DCTC with a current 8% surplus, turning into a 10% deficit of space by 2005. This request does not add square footage; it simply reorganizes existing square footage to take advantage of high-growth, high-demand academic offerings.

Project Rational and Predesign:
Information Technology and Telecommunications
First, this project will develop an Information Technology and Telecommunications Center of Excellence on the DCTC campus. This is important to the college because of the strong industry partnerships that have been developed to meet the workforce development needs of a high-demand, high-wage, high-technology industry in the metro area. DCTC trains workers who lay the fiber optic and broadband cables for large telecommunications companies such as AT&T Broadband, Frontier, ADC, and Nortel.

Library and Information Technology Center
Secondly, this project will improve the library so that it can offer the type of student support that a college specializing in high-technology fields will require. The expanded and improved library will, in addition to serving students' library

information needs, serve as a backbone for integrating the distribution of video, voice and data capabilities throughout the classrooms in the building, in support of faculty and student use of multi-media and web-enhances instruction.

Life Safety, ADA and Mechanical Improvements
Third, the project will correct other related building deficiencies in the following categories:

- Upgrade fire alarm system to include horns and strobes to meet ADA requirements
- Restore structural integrity of the north wall on the lower level, replace windows and waterproofing membranes to eliminate water intrusion
- Construct additional fire rated walls to provide building separation/ compartmentalization required by state building codes
- Upgrade electrical distribution system equipment

Predesign was completed in November 2001, and reviewed by MnSCU and Admin.

IMPACT ON STATE AGENCY OPERATING BUDGETS (FACILITIES NOTE):

Assessment of agency operating budgets for Phase 1 is difficult because it is part of a larger building. However, estimating that improved efficiency in mechanical systems will lead to an $8,000 annual savings in electrical power and natural gas. There will be no change in FTE, as there is no additional square footage.

OTHER CONSIDERATIONS:

Site Selection:
This is a remodeling project, and there are no site selection options.

Effects of Delay:
The college will not be able to:

- respond to the workforce development needs of business and industry in light of Minnesota's skilled worker shortage
- respond to increases in student application for enrollment in these fields
- adequately meet the needs of all DCTC student for academic support services

PROJECT CONTACT PERSON, TITLE, ADDRESS, PHONE, FAX, AND E-MAIL:

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Minnesota State Colleges & Universities
Dakota TC - Design Info Tech/Telecomm Remodel

AGENCY CAPITAL BUDGET REQUEST
Fiscal Years 2002-2007
Dollars in Thousands ($137,500 = $138)

Project Cost

TOTAL PROJECT COSTS All Years and All Funding Sources	**Project Costs** All Prior Years	**Project Costs** FY 2002-03	**Project Costs** FY 2004-05	**Project Costs** FY 2006-07	**Project Costs** All Years	**Project Start** (Month/Year)	**Project Finish** (Month/Year)
1. Property Acquisition							
Land, Land Easements, Options	$0	$0	$0	$0	$0		
Land and Buildings	0	0	0	0	0		
2. Predesign Fees	62	0	0	0	62	09/1999	09/2001
3. Design Fees							
Schematic	0	93	0	0	93	08/2002	02/2003
Design Development	0	93	0	0	93	03/2003	09/2003
Contract Documents	0	188	0	0	188	10/2003	12/2003
Construction Administration	0	93	0	0	93	10/2003	09/2004
4. Project Management						04/2004	02/2006
State Staff Project Management	0	0	0	0	0		
Non-State Project Management	0	33	90	0	123		
Commissioning	0	0	30	0	30		
Other Costs	0	0	0	0	0		
5. Construction Costs						09/2004	02/2006
Site & Building Preparation	0	0	0	0	0		
Demolition/Decommissioning	0	0	180	0	180		
Construction	0	0	4,280	0	4,280		
Infrastructure/Roads/Utilities	0	0	0	0	0		
Hazardous Material Abatement	0	0	220	0	220		
Construction Contingency	0	0	256	0	256		
Other Costs	0	0	0	0	0		
6. One Percent for Art	0	0	43	0	43		
7. Relocation Expenses	0	0	0	0	0		
8. Occupancy						02/2005	02/2006
Furniture, Fixtures and Equipment	0	0	246	0	246		
Telecommunications (voice & data)	0	0	316	0	316		
Security Equipment	0	0	0	0	0		
Other Costs	0	0	0	0	0		
SUBTOTAL: (items 1 – 8)	62	500	5,661	0	6,223		
9. Inflation							
Midpoint of Construction			03/2005				
Inflation Multiplier		0.00%	15.80%	0.00%			
Inflation Cost		0	894	0	894		
GRAND TOTAL	$62	$500	$6,555	$0	$7,117		

Dollars in Thousands ($137,500 = $138)

CAPITAL FUNDING SOURCES	Prior Years	FY 2002-03	FY 2004-05	FY 2006-07	TOTAL
State Funds :					
G.O Bonds/State Bldgs	0	500	6,000	0	6,500
State Funds Subtotal	0	500	6,000	0	6,500
Agency Operating Budget Funds	62	0	0	0	62
Federal Funds	0	0	0	0	0
Local Government Funds	0	0	0	0	0
Private Funds	0	0	555	0	555
Other	0	0	0	0	0
TOTAL	**62**	**500**	**6,555**	**0**	**7,117**

CHANGES IN STATE OPERATING COSTS	Changes in State Operating Costs (Without Inflation)			
	FY 2002-03	FY 2004-05	FY 2006-07	FY 2008-09
Compensation -- Program and Building Operation	0	0	0	0
Other Program Related Expenses	0	0	0	0
Building Operating Expenses	0	0	0	0
Building Repair and Replacement Expenses	0	0	0	0
State-Owned Lease Expenses	0	0	0	0
Nonstate-Owned Lease Expenses	0	0	0	0
Expenditure Subtotal	0	0	0	0
Revenue Offsets	0	0	0	0
Other Offsets	0	0	<16>	<16>
TOTAL CHANGES	0	0	<16>	<16>
Change in F.T.E. Personnel	0.0	0.0	0.0	0.0

SOURCE OF FUNDS FOR DEBT SERVICE PAYMENTS (for bond-financed projects only)	Amount	Percent of Total
General Fund	335	67.0%
User Financing	165	33.0%

STATUTORY AND OTHER REQUIREMENTS Project applicants should be aware that the following requirements will apply to their projects after adoption of the bonding bill.	
Yes	MS 16B.335 (1a): Construction/Major Remodeling Review (by Legislature)
No	MS 16B.335 (1b): Project Exempt From This Review (by Legislature)
No	MS 16B.335 (2): Other Projects (require legislative notification)
Yes	MS 16B.335 (3): Predesign Review Required (by Administration Dept)
Yes	MS 16B.335 (4): Energy Conservation Requirements
Yes	MS 16B.335 (5): Information Technology Review (by Office of Technology)
Yes	MS 16A.695: Public Ownership Required (as per Finance Dept.)
No	MS 16A.695: Use Agreement Required (as per Finance Dept)
No	MS 16A.695: Program Funding Review Required (by granting agency)
Yes	Matching Funds Required (as per agency request)
Yes	Project Cancellation in 2007 (as per Finance Dept)

Department of Administration Analysis:

I found the Strategic Planning and Systemwide presentations to be concise, in complete compliance with the agencies long-range format with a programmed balance that has been unmatched in recent years on state agency submittals.

The premise of MnSCU to emphasize community, enrollment and science into their requests is paramount throughout the individual presentations. The fact to utilize a balance of requested bonded monies with asset preservation and operating funds to modify existing facilities to meet long-range goals speaks highly of the thought placed into this entire thesis.

My compliments for a job well done!

There is perhaps greater substantiated data listed in the individual requests from Metro colleges versus Greater Minnesota facilities however, the premise is definitely on science and technology. One area, "IT", really will assist Greater Minnesota campuses because of the more rural infrastructure however, the request for a new Metro State University Library and Technical Center in St. Paul is adjacent to the Connect Minnesota cable infrastructure that could expand that facility's outreach to the St. Paul Network and Capitol loops, then on to Minneapolis, St. Cloud, Alexandria, Fergus Falls, and Moorhead. All are within a reach of that potential infrastructure. What potential!

Likewise, there are comments on ranges of costs and to make it clear I realize there are asset preservation monies being applied to a multitude of these projects and therefore take my comments as more of a "check and balance" not, a directive!

Of the 67,000 GSF of renovation the occupancy costs are well within range, possibly low for an "IT" project while $12.51 for the Asset Preservation is low but, again we are not privy to drawings or other documents.

Department of Finance Analysis:

In June 1998 the MnSCU Board adopted seven principles that were to guide their capital budget development process. These principles led to a four-point order of priority for the 2002-03 capital program: 1) Life Safety and Asset Preservation 2) Program Enhancement 3) Facility Revitalization Replacement, and 4) Cooperative Ventures.

The MNSCU System has established a scoring system, similar to DOFs scoring system, to review and score each capital request. Up to 360 points are possible. These scores should reflect the degree to which the project meets the principles and order of priorities. Projects were grouped into tiers (i.e. every project with more than 200 points was put in the first tier).

STATEWIDE STRATEGIC SCORE		
Criteria	**Values**	**Points**
Critical Life Safety Emergency - Existing Hazards	0/700	0
Critical Legal Liability - Existing Liability	0/700	0
Prior Binding Commitment	0/700	0
Strategic Linkage - Agency Six Year Plan	0/40/80/120	40
Safety/Code Concerns	0/35/70/105	35
Customer Service/Statewide Significance	0/35/70/105	35
Agency Priority	0/25/50/75/100	50
User and Non-State Financing	0-100	33
State Asset Management	0/20/40/60	20
State Operating Savings or Operating Efficiencies	0/20/40/60	0
Contained in State Six-Year Planning Estimates	0/25/50	0
Total	700 Maximum	213

The strategic planning summary also notes the five criteria established by the legislature in the past bonding bill for prioritizing higher education bonding requests. There is little discussion of these criteria and how they are incorporated into the way MnSCU has prioritized their projects.

Despite being 19th in the MnSCU priority list, this project is one of 11 in the top tier of the MnSCU scoring analysis. It will improve the information technology and telecommunications technician program. Dakota County Technical College indicates it will raise $555,000 internally to support the construction phase of this project.

Governor's Recommendation:

The Governor does not recommend capital funding for this request.

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2002 STATE APPROPRIATION REQUEST: $700,000

AGENCY PROJECT PRIORITY: 20 of 28

PROJECT LOCATION: St. Cloud Technical College

PROJECT DESCRIPTION AND RATIONALE:

Design, through construction documents, the construction of a 48,233 GSF multi-story building connected to the existing facility and the remodeling of 34,000 GSF of "G" Wing that had previously been used for office space. St. Cloud Technical College would utilize a large section of this addition and remodeling to provide space for the Stearns-Benton Workforce Center to co-locate on the college's campus. The workforce center estimates they will need approximately 25,000 sq. ft. for their services. MnSCU is currently participating with the Departments of Administration and Economic Security in plans to co-locate workforce centers on MnSCU campuses.

The remodeling portion of the project in "G" Wing will improve the:

- Computer Careers programs
- Technology enhancement
- Health science laboratories

The expansion would allow SCTC to:
(1) expand the growing Computer Information Systems academic program,
(2) enhance technology (to ensure that electronic delivery of information is readily and easily available, and that SCTC students are academically offered the latest in technology), and
(3) create up-to-date health science labs to support rapidly growing nursing and allied health academic programs.

PROJECT RATIONALE AND RELATIONSHIP TO AGENCY LONG RANGE STRATEGIC PLAN AND CAPITAL PLAN:

MnSCU Strategic Plan:
This project is in direct support of the MnSCU strategic goals of:

- *Student Success* – With the incorporation of the latest in technology and an expansion in electronic educational delivery and interactive instruction, students would be prepared for not just a first job, but for a lifetime of careers.
- *Institutional Quality and Excellence* – SCTC will be able to develop classrooms and labs using the latest technology and integrating all new forms of technology into the educational delivery system. It would ensure that technology is a core element in the culture of SCTC that penetrates every dimension of activity by integrating electronically-delivered and campus-based education.
- *Community Collaboration and Partnership* - Locating the Workforce Center on campus would provide the perfect opportunity to work in partnership with another organization to provide programs and services to meet student and community needs. The Benton-Stearns Workforce Center would contribute operating dollars to the addition.

St. Cloud Technical College Master Plan:
This project is supported by the Master Academic and Facilities Plan of St. Cloud Technical College, which was adopted by the Board of Trustees in February 2000. This project is in support of many of the strategic goals of St. Cloud Technical College:

- To offer open enrollment for all students, including economically and educationally disadvantaged students, students with disabilities, students of color, dislocated workers, single parents, and displaced homemakers.
- To provide student support services, such as personal and career counseling, financial aid counseling, placement, student activities, and supplemental support services in a customer-focused fashion.
- To create incentives for our staff and faculty to update their technical and teaching skills and to continuously improve the curriculum, equipment, and services to keep current with the demands of the industries and the students we serve.
- To develop partnerships and collaborative agreements with other colleges, universities, businesses, government, and organizations that expand our capacity to deliver programs and services.
- To extend the college's role in economic development. The college collaborates with other local, state, and national organizations to assist in new business development, business retention, and business expansion by "upskilling" the existing workforce.
- To stimulate thinking and action regarding human values and community and occupational ethics through coursework and dialogue among faculty, staff, and students.
- To encourage the development of the local as well as the global community.

This project is specifically identified as part of the long-range capital improvement plan in the St. Cloud Technical College master facilities plan.

Space Utilization and Enrollment:
St. Cloud Technical College has grown from a full-time enrollment of 1,753 FYE in 1995 to 2,232 FYE in 2001. The College has experienced an average 4% annual growth in enrollment and projects 2,310 FYE in 2002.

St. Cloud TC	FY 1999	FY 2001	FY 2002
FYE	1,891	2,232	2,310 (Projected)

Currently, all 35 programs are full or at capacity. Twenty of the programs have waiting lists that are at capacity (25-30 students). St. Cloud Technical College has no additional facility space to offer daytime Computer Career classes. Computer Career classes have been added for late afternoons or evenings. However, students have indicated a need for additional daytime classes.

The space utilization study indicated an overall deficit of 24% currently, and a projected deficit of 41% by 2006. The study shows a deficit of 132% in student support service space, and a similar deficit in open labs such as open computer labs. Utilization of classrooms and laboratories at SCTC exceeded MnSCU averages.

Project Rationale and Predesign:
A bill authored by Senator Sheila M. Kiscaden proposes that a 10-year plan be developed to locate workforce centers on MnSCU campuses. The Commissioners of Administration and Economic Security and the Board of Trustees of MnSCU have been directed to develop this plan.

Plan specifications include identifying space needs, expiration dates of current workforce center leases, and identifying campus locations that can immediately accommodate workforce centers. The plan must also include recommendations of timelines for future co-locations and alternative capital financing mechanisms if additional space would be needed to co-locate workforce centers.

Locating the Stearns Benton Workforce Center on the St. Cloud Technical College directly relates to the bill discussed above. Co-locating the workforce center on the college campus would develop a strong supportive relationship with another agency that would enhance the state's economy by improving opportunities for individuals in Central Minnesota. Co-location would assist in developing a convenient system for people to work within the transition from unemployment and welfare dependency to gainful and meaningful careers.

The following academic/support spaces will be improved and expanded::

- Stearns-Benton Workforce Center
- Computer and Information Technology careers
- Laboratories for nursing and allied health careers
- Computer labs for general student use
- Smart classroom renovations

In terms of the impact on academic programs and student support services, new and emerging technologies have changed the character of traditional technical programs and created a demand for advanced career options that require state-of-the-art technology, "smart" classrooms for mediated instruction, and socio-adaptive environments in which to learn and create. This project will address and provide for state-of-the-art technology needs that will ensure students' success as they enter the professional work arena.

Predesign has been reviewed at 50% by MnSCU and will be completed by December 2001.

IMPACT ON STATE AGENCY OPERATING BUDGETS (FACILITIES NOTE):

The operating budget will increase approximately $195,000 annually with the additional sq. ft. in this proposal. Operational costs are expected to increase $140,000 per year and two custodians will be hired for an additional yearly cost of $68,000. However, the Stearns Benton Workforce Center has agreed to pay St. Cloud Technical College rent for the portion of the facility that they will be using. The workforce center expects to use approximately 25,000 sq. ft. The amount collected in rent will cover increased operating expenses. The college and the workforce center have also discussed sharing staffing and other resources to reduce operating costs for both agencies.

OTHER CONSIDERATIONS:

Site Selection:
This project is being proposed specifically for the site. One of the primary objectives of this project is to co-locate the workforce center with St. Cloud Technical College. No other sites were considered, as the college already owns this land. There are no land costs involved to build on campus. In addition, the Board of Trustees' policy is to attach buildings contiguously whenever feasible. It was felt that it was not only feasible but also desirable in this case.

Consequences of Delayed Funding:
The Stearns Benton Workforce Center is currently renting space for their operation. Their lease will expire in 2005. If the college cannot provide space for their needs, they will need to relocate elsewhere. Depending upon the terms of their new lease and/or purchase agreement, there may not be another opportunity for the workforce center to co-locate with the college for some time.

PROJECT CONTACT PERSON, TITLE, ADDRESS, PHONE, FAX, AND E-MAIL:

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Minnesota State Colleges & Universities
St. Cloud TC - Design Workforce Center Add/Remodel

AGENCY CAPITAL BUDGET REQUEST
Fiscal Years 2002-2007
Dollars in Thousands ($137,500 = $138)

Project Cost

TOTAL PROJECT COSTS All Years and All Funding Sources	**Project Costs** All Prior Years	**Project Costs** FY 2002-03	**Project Costs** FY 2004-05	**Project Costs** FY 2006-07	**Project Costs** All Years	**Project Start** (Month/Year)	**Project Finish** (Month/Year)
1. Property Acquisition							
Land, Land Easements, Options	$0	$0	$0	$0	$0		
Land and Buildings	0	0	0	0	0		
2. Predesign Fees	35	0	0	0	35	04/2001	10/2001
3. Design Fees							
Schematic	0	130	0	0	130	08/2002	01/2003
Design Development	0	185	0	0	185	03/2003	09/2003
Contract Documents	0	337	0	0	337	10/2003	01/2004
Construction Administration	0	48	75	0	123	11/2003	09/2005
4. Project Management						06/2003	12/2005
State Staff Project Management	0	0	0	0	0		
Non-State Project Management	0	0	325	0	325		
Commissioning	0	0	10	0	10		
Other Costs	0	0	0	0	0		
5. Construction Costs						10/2004	12/2005
Site & Building Preparation	0	0	170	0	170		
Demolition/Decommissioning	0	0	85	0	85		
Construction	0	0	8,436	0	8,436		
Infrastructure/Roads/Utilities	0	0	211	0	211		
Hazardous Material Abatement	0	0	51	0	51		
Construction Contingency	0	0	448	0	448		
Other Costs	0	0	0	0	0		
6. One Percent for Art	0	0	10	0	10		
7. Relocation Expenses	0	0	0	0	0		
8. Occupancy						02/2005	12/2005
Furniture, Fixtures and Equipment	0	0	590	0	590		
Telecommunications (voice & data)	0	0	300	0	300		
Security Equipment	0	0	19	0	19		
Other Costs	0	0	0	0	0		
SUBTOTAL: (items 1 – 8)	35	700	10,730	0	11,465		
9. Inflation							
Midpoint of Construction			05/2005				
Inflation Multiplier		0.00%	16.50%	0.00%			
Inflation Cost		0	1,770	0	1,770		
GRAND TOTAL	$35	$700	$12,500	$0	$13,235		

Dollars in Thousands ($137,500 = $138)

CAPITAL FUNDING SOURCES	Prior Years	FY 2002-03	FY 2004-05	FY 2006-07	TOTAL
State Funds :					
G.O Bonds/State Bldgs	0	700	12,500	0	13,200
State Funds Subtotal	0	700	12,500	0	13,200
Agency Operating Budget Funds	35	0	0	0	35
Federal Funds	0	0	0	0	0
Local Government Funds	0	0	0	0	0
Private Funds	0	0	0	0	0
Other	0	0	0	0	0
TOTAL	**35**	**700**	**12,500**	**0**	**13,235**

CHANGES IN STATE OPERATING COSTS	Changes in State Operating Costs (Without Inflation)			
	FY 2002-03	FY 2004-05	FY 2006-07	FY 2008-09
Compensation -- Program and Building Operation	0	0	136	136
Other Program Related Expenses	0	0	0	0
Building Operating Expenses	0	0	280	280
Building Repair and Replacement Expenses	0	0	0	7
State-Owned Lease Expenses	0	0	0	0
Nonstate-Owned Lease Expenses	0	0	0	0
Expenditure Subtotal	0	0	416	423
Revenue Offsets	0	0	<500>	<500>
TOTAL CHANGES	0	0	<84>	<77>
Change in F.T.E. Personnel	0.0	0.0	2.0	2.0

SOURCE OF FUNDS FOR DEBT SERVICE PAYMENTS (for bond-financed projects only)	Amount	Percent of Total
General Fund	469	67.0%
User Financing	231	33.0%

STATUTORY AND OTHER REQUIREMENTS Project applicants should be aware that the following requirements will apply to their projects after adoption of the bonding bill.	
Yes	MS 16B.335 (1a): Construction/Major Remodeling Review (by Legislature)
No	MS 16B.335 (1b): Project Exempt From This Review (by Legislature)
No	MS 16B.335 (2): Other Projects (require legislative notification)
Yes	MS 16B.335 (3): Predesign Review Required (by Administration Dept)
Yes	MS 16B.335 (4): Energy Conservation Requirements
Yes	MS 16B.335 (5): Information Technology Review (by Office of Technology)
Yes	MS 16A.695: Public Ownership Required (as per Finance Dept.)
No	MS 16A.695: Use Agreement Required (as per Finance Dept)
No	MS 16A.695: Program Funding Review Required (by granting agency)
Yes	Matching Funds Required (as per agency request)
Yes	Project Cancellation in 2007 (as per Finance Dept)

Department of Administration Analysis:

I found the Strategic Planning and Systemwide presentations to be concise, in complete compliance with the agencies long-range format with a programmed balance that has been unmatched in recent years on state agency submittals.

The premise of MnSCU to emphasize community, enrollment and science into their requests is paramount throughout the individual presentations. The fact to utilize a balance of requested bonded monies with asset preservation and operating funds to modify existing facilities to meet long-range goals speaks highly of the thought placed into this entire thesis.

My compliments for a job well done!

There is perhaps greater substantiated data listed in the individual requests from Metro colleges versus Greater Minnesota facilities however, the premise is definitely on science and technology. One area, "IT", really will assist Greater Minnesota campuses because of the more rural infrastructure however, the request for a new Metro State University Library and Technical Center in St. Paul is adjacent to the Connect Minnesota cable infrastructure that could expand that facility's outreach to the St. Paul Network and Capitol loops, then on to Minneapolis, St. Cloud, Alexandria, Fergus Falls, and Moorhead. All are within a reach of that potential infrastructure. What potential!

Likewise, there are comments on ranges of costs and to make it clear I realize there are asset preservation monies being applied to a multitude of these projects and therefore take my comments as more of a "check and balance" not, a directive!

The consultant fees appear to be low for this type of remodeling. The rest of the dollars appear to be within good range.

Department of Finance Analysis:

In June 1998 the MnSCU Board adopted seven principles that were to guide their capital budget development process. These principles led to a four-point order of priority for the 2002-03 capital program: 1) Life Safety and Asset Preservation 2) Program Enhancement 3) Facility Revitalization Replacement, and 4) Cooperative Ventures.

The MNSCU System has established a scoring system, similar to DOFs scoring system, to review and score each capital request. Up to 360 points are possible. These scores should reflect the degree to which the project meets the principles and order of priorities. Projects were grouped into tiers (i.e. every project with more than 200 points was put in the first tier).

STATEWIDE STRATEGIC SCORE		
Criteria	**Values**	**Points**
Critical Life Safety Emergency - Existing Hazards	0/700	0
Critical Legal Liability - Existing Liability	0/700	0
Prior Binding Commitment	0/700	0
Strategic Linkage - Agency Six Year Plan	0/40/80/120	40
Safety/Code Concerns	0/35/70/105	0
Customer Service/Statewide Significance	0/35/70/105	35
Agency Priority	0/25/50/75/100	25
User and Non-State Financing	0-100	33
State Asset Management	0/20/40/60	0
State Operating Savings or Operating Efficiencies	0/20/40/60	0
Contained in State Six-Year Planning Estimates	0/25/50	0
Total	700 Maximum	133

The strategic planning summary also notes the five criteria established by the legislature in the past bonding bill for prioritizing higher education bonding requests.

This project has a $11.4 million capital budget tail. It will remodel 34,000 sq. ft., and add 48,000 sq. ft. to accommodate the Stearns-Benton Workforce Center. The analysis indicates it will save $84,000 in operating costs per biennium, but add 2 FTEs. More detail on the prospective operating/financing arrangement with the Workforce Center would be useful.

Governor's Recommendation:

The Governor does not recommend capital funding for this request.

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2002 STATE APPROPRIATION REQUEST: $2,880,000

AGENCY PROJECT PRIORITY: 21 of 28

PROJECT LOCATION: Ridgewater Community & Technical College

PROJECT DESCRIPTION AND RATIONALE:

Design, remodel, furnish and equip 13,550 GSF of existing chemistry, physics and biology labs, plus convert a classroom into a geology lab on the Willmar campus, and design, remodel, furnish and equip 6,400 GSF of interior space to convert obsolete applied lab space on the Hutchinson campus into chemistry, physics and biology labs. The project forms a "Science Initiative" for Ridgewater Community and Technical College.

The science initiative will serve to address code violations, space inefficiencies, indoor air-quality issues and technology deficiencies currently in existence at Willmar campus and create science labs at Hutchinson campus. The Ridgewater science initiative will not add new square footage, it is both a renovation and an adaptive reuse of existing facilities to meet contemporary needs.

PROJECT RATIONALE AND RELATIONSHIP TO AGENCY LONG RANGE STRATEGIC PLAN AND CAPITAL PLAN:

MnSCU Strategic Plan:
The initiative is direct support of the MnSCU strategic goals of:

- *Student Success* - it will upgrade the facilities for Willmar campus to enhance the quality of transfer path and provide a large and integral part of the transfer path deliverable on the Hutchinson campus.
- *Institutional Excellence and Quality* – it will align programs in the transfer and technical disciplines to the career goals of students and workplace needs of community and industry specifically in the career paths of nursing and engineering.
- *MnSCU System Leadership* - it will position Ridgewater to meet the educational needs of students and employers in the growing science-related fields. Ridgewater's industry advisory group has supported this as their primary short-term objective for the college.

Ridgewater College Master Plan:

The Ridgewater College Master Facility Plan completed July 2000 and presented to the Board of Trustees September 2000, was developed in response to the College Strategic Plan and Master Academic Plan. The guiding documents used to frame the Master Facility Plan view the college as a whole with two unique campuses each serving distinct groups of stakeholders.

The Willmar and Hutchinson Campuses of Ridgewater collectively offer 38 programs/disciplines that require science credits. In the 1999 academic year, approximately 4,800 credits were consumed in the science area. These credits span A.A., A.S., A.A.S. and diploma offerings demonstrating the comprehensiveness of education consistent with Ridgewater College academic planning.

This request adheres to the Ridgewater's short-term plan priorities of:
Comprehensive College – work toward programmatic coordination of transfer and technical programs through scheduling, and modifications.
Technical Programs – strengthen and expand technical programs in relation to comprehensive goals with an emphasis on the growth of nursing and engineering technical programs.
Science Labs – create science labs in existing building that will adequately deliver science curriculum in support of general education, technical programs and transfer areas. Ridgewater College needs code compliant, technically competitive science facilities to maintain offerings.

Enrollment and Space Utilization:

Ridgewater College	FY 1999	FY 2001	FY 2002
FYE	3,002	2,950	3,011 (Projected)

The Space Utilization study showed a small surplus of space at Ridgewater, which is why this request is not for new space, but for renovation and adaptive re-use of current space. Particularly in the case of Hutchinson which shows a projected 4% surplus, it will convert mothballed space into space in which needed lab courses can be scheduled, thereby increasing utilization dramatically.

Project Rationale and Predesign:

Asset Preservation - Air quality and building safety violations are significant in the Willmar science labs. Mechanical concerns are evidenced by excessive corrosion on exposed surfaces. Gas and water supplies are not placed in functional locations to instruct efficiently, cabinetry and tables are no longer serving needs due to technological advancements in teaching methods and electrical and infrastructure service do not allow for use of electronic, digital and computerized equipment. This project will correct $104,000 in deferred maintenance from the Facilities Condition Assessment at Willmar and $113,000 at Hutchinson.

Education Delivery - Remodeling in this request will renovate and re-equip science laboratories bringing them up to current pedagogy and building codes, while addressing related deferred maintenance items. There have been many changes in both science and in science teaching in the past 30 years; the labs must respond. In addition to equipment and technology advancement in the sciences, labor market

demands create an expectation for higher educational facilities to provide a current ever-ready labor force. Such is the case for statewide nursing and nursing related employees. To serve rural central and west central healthcare labor demands Ridgewater must provide science coursework to nursing and allied health care students and incumbent workers. Ridgewater has received private grant appropriations to develop *Minnesota's only simulation lab* for nursing education. Science coursework is an essential part of the nursing curriculum.

Leased Space - Currently the Hutchinson campus rents science lab facilities from the Hutchinson High School. Lectures are delivered on campus with labs taught in the evenings at the high school. While this partnership has been successful for establishing the base science requirements for transfer education, it is quickly becoming inefficient with limited availability. Growth of FYE in transfer education courses at Hutchinson increased 23% in just one year from first offerings in 1998 to 1999, resulting in a total campus FYE increase of 8.25%.

Science, Technology & Nursing - As the students' and employers' demands for more sciences are heard, the campus must increase science course offerings. Increased course offerings require labs available for greater number of hours than the high school can accommodate. Currently the Hutchinson High School labs are not equipped to serve more advanced educational needs required for post secondary transfer education. For example: Biology 212 and 213, Anatomy and Physiology I and two are required for Associate Degree Nursing. Due to the nature of these labs and equipment, they are only available at the Willmar Campus.

Nursing enrollment is capped at the Willmar campus, and the Hutchinson campus was just recently approved for an expansion of the associate degree nursing program from Willmar to Hutchinson. Ridgewater has enrolled a nursing class of 19 at Hutchinson beginning fall 2001, and must have labs in which to teach them.

Hutchinson students currently are required to travel 60 miles each way to participate. All students seeking an A.S. or A.A. degree face similar inconvenience.

Predesign was completed in July 2001, and was reviewed by MnSCU and Admin.

IMPACT ON STATE AGENCY OPERATING BUDGETS (FACILITIES NOTE):

This initiative does not increase square footage, which would typically increase operating budgets. Operational costs are expected to increase $28,000 per year due to increased electrical use with improved mechanical systems and new fume hoods in the labs, and an additional one FTE faculty will be hired at Hutchinson for an additional yearly cost of $55,000. Currently two Willmar science faculty commute to Hutchinson for instruction at the high school, and they will continue commuting to the new science labs following the remodeling.

OTHER CONSIDERATIONS:

This is a renovation of existing facilities, and no other sites are appropriate.

This initiative will not increase square footage to either the Willmar or Hutchinson campuses. Local community and industry requests for science-based education such as nursing and pre-engineering have increased significantly. The Ridgewater College Foundation Board is currently launching a capital campaign to assist with purchase of equipment for science labs.

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Minnesota State Colleges & Universities
Ridgewater C&TC - Science Labs Remodel

AGENCY CAPITAL BUDGET REQUEST
Fiscal Years 2002-2007
Dollars in Thousands ($137,500 = $138)

Project Cost

TOTAL PROJECT COSTS All Years and All Funding Sources	**Project Costs** All Prior Years	**Project Costs** FY 2002-03	**Project Costs** FY 2004-05	**Project Costs** FY 2006-07	**Project Costs** All Years	**Project Start** (Month/Year)	**Project Finish** (Month/Year)
1. Property Acquisition							
Land, Land Easements, Options	$0	$0	$0	$0	$0		
Land and Buildings	0	0	0	0	0		
2. Predesign Fees	13	0	0	0	13	07/2000	07/2001
3. Design Fees							
Schematic	0	42	0	0	42	08/2002	09/2002
Design Development	0	43	0	0	43	11/2002	12/2002
Contract Documents	0	62	0	0	62	01/2003	02/2003
Construction Administration	0	39	0	0	39	02/2003	09/2003
4. Project Management						05/2003	06/2004
State Staff Project Management	0	0	0	0	0		
Non-State Project Management	0	108	0	0	108		
Commissioning	0	13	0	0	13		
Other Costs	0	0	0	0	0		
5. Construction Costs						05/2003	06/2004
Site & Building Preparation	0	0	0	0	0		
Demolition/Decommissioning	0	64	0	0	64		
Construction	0	1,730	0	0	1,730		
Infrastructure/Roads/Utilities	0	0	0	0	0		
Hazardous Material Abatement	0	46	0	0	46		
Construction Contingency	0	76	0	0	76		
Other Costs	0	0	0	0	0		
6. One Percent for Art	0	17	0	0	17		
7. Relocation Expenses	0	0	0	0	0		
8. Occupancy						09/2003	06/2004
Furniture, Fixtures and Equipment	0	215	0	0	215		
Telecommunications (voice & data)	0	128	0	0	128		
Security Equipment	0	50	0	0	50		
Other Costs	0	0	0	0	0		
SUBTOTAL: (items 1 – 8)	13	2,633	0	0	2,646		
9. Inflation							
Midpoint of Construction		10/2003					
Inflation Multiplier		9.40%	0.00%	0.00%			
Inflation Cost		248	0	0	248		
GRAND TOTAL	$13	$2,881	$0	$0	$2,894		

Dollars in Thousands ($137,500 = $138)

CAPITAL FUNDING SOURCES	Prior Years	FY 2002-03	FY 2004-05	FY 2006-07	TOTAL
State Funds :					
G.O Bonds/State Bldgs	0	2,880	0	0	2,880
State Funds Subtotal	0	2,880	0	0	2,880
Agency Operating Budget Funds	13	0	0	0	13
Federal Funds	0	0	0	0	0
Local Government Funds	0	0	0	0	0
Private Funds	0	0	0	0	0
Other	0	0	0	0	0
TOTAL	**13**	**2,880**	**0**	**0**	**2,893**

CHANGES IN STATE OPERATING COSTS	Changes in State Operating Costs (Without Inflation)			
	FY 2002-03	FY 2004-05	FY 2006-07	FY 2008-09
Compensation -- Program and Building Operation	0	28	55	55
Other Program Related Expenses	0	0	0	0
Building Operating Expenses	0	28	56	56
Building Repair and Replacement Expenses	0	0	0	0
State-Owned Lease Expenses	0	0	0	0
Nonstate-Owned Lease Expenses	0	0	0	0
Expenditure Subtotal	0	56	111	111
Revenue Offsets	0	0	0	0
TOTAL CHANGES	0	56	111	111
Change in F.T.E. Personnel	0.0	1.0	1.0	1.0

SOURCE OF FUNDS FOR DEBT SERVICE PAYMENTS (for bond-financed projects only)	Amount	Percent of Total
General Fund	1,930	67.0%
User Financing	950	33.0%

STATUTORY AND OTHER REQUIREMENTS Project applicants should be aware that the following requirements will apply to their projects after adoption of the bonding bill.	
Yes	MS 16B.335 (1a): Construction/Major Remodeling Review (by Legislature)
No	MS 16B.335 (1b): Project Exempt From This Review (by Legislature)
No	MS 16B.335 (2): Other Projects (require legislative notification)
Yes	MS 16B.335 (3): Predesign Review Required (by Administration Dept)
Yes	MS 16B.335 (4): Energy Conservation Requirements
Yes	MS 16B.335 (5): Information Technology Review (by Office of Technology)
Yes	MS 16A.695: Public Ownership Required (as per Finance Dept.)
No	MS 16A.695: Use Agreement Required (as per Finance Dept)
No	MS 16A.695: Program Funding Review Required (by granting agency)
Yes	Matching Funds Required (as per agency request)
Yes	Project Cancellation in 2007 (as per Finance Dept)

Department of Administration Analysis:

- I found the Strategic Planning and Systemwide presentations to be concise, in complete compliance with the agencies long-range format with a programmed balance that has been unmatched in recent years on state agency submittals.

  The premise of MnSCU to emphasize community, enrollment and science into their requests is paramount throughout the individual presentations. The fact to utilize a balance of requested bonded monies with asset preservation and operating funds to modify existing facilities to meet long-range goals speaks highly of the thought placed into this entire thesis.

  My compliments for a job well done!

- There is perhaps greater substantiated data listed in the individual requests from Metro colleges versus Greater Minnesota facilities however, the premise is definitely on science and technology. One area, "IT", really will assist Greater Minnesota campuses because of the more rural infrastructure however, the request for a new Metro State University Library and Technical Center in St. Paul is adjacent to the Connect Minnesota cable infrastructure that could expand that facility's outreach to the St. Paul Network and Capitol loops, then on to Minneapolis, St. Cloud, Alexandria, Fergus Falls, and Moorhead. All are within a reach of that potential infrastructure. What potential!

  Likewise, there are comments on ranges of costs and to make it clear I realize there are asset preservation monies being applied to a multitude of these projects and therefore take my comments as more of a "check and balance" not, a directive!

  - The program is direct however the costs are in the low range for this type of remodeling. The occupancy costs are just above standard but this is a laboratory remodeling.

Department of Finance Analysis:

In June 1998 the MnSCU Board adopted seven principles that were to guide their capital budget development process. These principles led to a four-point order of priority for the 2002-03 capital program: 1) Life Safety and Asset Preservation 2) Program Enhancement 3) Facility Revitalization Replacement, and 4) Cooperative Ventures.

The MNSCU System has established a scoring system, similar to DOFs scoring system, to review and score each capital request. Up to 360 points are possible.

STATEWIDE STRATEGIC SCORE		
Criteria	**Values**	**Points**
Critical Life Safety Emergency - Existing Hazards	0/700	0
Critical Legal Liability - Existing Liability	0/700	0
Prior Binding Commitment	0/700	0
Strategic Linkage - Agency Six Year Plan	0/40/80/120	40
Safety/Code Concerns	0/35/70/105	35
Customer Service/Statewide Significance	0/35/70/105	35
Agency Priority	0/25/50/75/100	25
User and Non-State Financing	0-100	33
State Asset Management	0/20/40/60	20
State Operating Savings or Operating Efficiencies	0/20/40/60	0
Contained in State Six-Year Planning Estimates	0/25/50	0
Total	700 Maximum	188

These scores should reflect the degree to which the project meets the principles and order of priorities. Projects were grouped into tiers (i.e. every project with more than 200 points was put in the first tier).

The strategic planning summary also notes the five criteria established by the legislature in the past bonding bill for prioritizing higher education bonding requests.

Despite being 21st in the list of MnSCU priority projects, it is one of 11 that is in the top tier of their scoring analysis. Remodeling would take place at the Hutchinson and Willmar campus, converting obsolete space into science labs. One FTE and $111,000 in operating costs per biennium would be added to the college's operating budget.

Governor's Recommendation:

The Governor does not recommend capital funding for this request.

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2002 STATE APPROPRIATION REQUEST: $1,500,000

AGENCY PROJECT PRIORITY: 22 of 28

PROJECT LOCATION: Century Community & Technical College

PROJECT DESCRIPTION:

This is a project to reclaim Intermediate School District space:

- Design, through construction documents, the renovation of 27,266 sq. ft. of space in Century College's building (currently occupied by ISD 916) for computer center expansion and relocation of two office suites that will provide space for two additional smart classrooms.
- Funds to renovate, furnish and equip both spaces will be requested in FY 2004.

Prior to the 1995 merger, Northeast Technical College was part of a consortium of K-12 school districts called *Intermediate School District 916*. In 1989, ISD 916 built an addition located on Century Avenue, and paid for with funds levied from participating school districts. This building, the Transition Wing, was owned by ISD 916 and adjoined the technical college building. After the merger, the legislature transferred the technical college property to the state of Minnesota. The same law provided no compensation to the school district. As part of a Joint Powers Agreement with the merged Century College, ISD 916 staff, students, and programs remained on the college campus, occupying approximately 20% of the college's space, in addition to the Transition Wing building they had constructed and owned.

During the spring of 2000, the Superintendent of ISD 916 expressed the District's willingness to sell the transition wing building and vacate the administrative space. The College, in turn, expressed serious interest in acquiring that space.

Academic programs impacted will be advanced technology, computer science, ITT, micro-computer science, health sciences, and basic general education classes required for graduation. The project, when completed, will provide 12 new smart classrooms that are ADA accessible. These new classrooms will be used for courses demanding integrated technology.

PROJECT RATIONALE AND RELATIONSHIP TO AGENCY LONG RANGE STRATEGIC PLAN AND CAPITAL PLAN:

MnSCU Strategic Plan:
This project is in direct support of the MnSCU strategic goals:
Student Success - by providing 12 advanced technology classrooms, students will be able to incorporate today's technology into their learning and thinking, and apply it to their careers.

Institutional Excellence and Quality - by renewing and improving programs that meet the needs of students, employers, and the community, the College is fulfilling its mission.

Community Collaboration and Partnership - Century will be re-engineering and expanding programs in computer science software technology, micro-computer support technology, and telephony, and will be working with businesses (Cisco Systems, Ameritech Communications, and ADC Corporation) to assure new programs that meet employer workforce needs in rapidly growing fields.

Century College Master Plan:
The mission of Century College is to provide quality lifelong educational opportunities for a diverse citizenry. Century College has several strategic goals established for the purpose of achieving student access and success. This project supports the following goals:

- *Enrollment Management*:
  The college has a systematic process for monitoring, projecting, planning, and managing student enrollment. Recognizing the employer need for workers in the information technology and health sciences fields, the college is strengthening and expanding these programs.
- *Curricular Renewal and Teaching Excellence*:
  Century College strives for excellence in providing current, relevant and meaningful curriculum using a variety of delivery systems. This project addresses the need for advanced technology classrooms in which instructors will have the ability to provide state-of-the-art instruction.
- *Technology Expansion and integration*:
  The College will continue to expand and integrate computer and other current technology in its curriculum. This project makes it possible to establish smart classrooms and provides space for developing programs in the telephony, micro-computer, and computer networking fields.
- *Facilities Renewal and Expansion*:
  Century will continue to maintain and upgrade its existing buildings. This project provides the opportunity to remodel 7,750 sq. ft. of space vacated by the intermediate school district. The bridge will be improved to provide a climate controlled environment for students and staff, and year-round accessibility for persons with physical limitations or confined to wheelchairs.
- *Workforce Development*:
  Century College will provide students with a variety of opportunities for career development in partnership with businesses and industries in the community. This project provides space for a new program in Telephony, which the College is already exploring in partnership with Cisco Systems, Ameritech Communications, and ADC Corporation.

Space Utilization and Enrollment:

According to the Paulien space utilization study, Century College has a 43% deficit in teaching laboratories. Over 90% of general-purpose classrooms are scheduled between 8 AM and 2 PM and from 6 to 10 PM. Each semester more faculty are requesting more instruction time in computer labs, labs that are already scheduled for computer classes. The space shortage has become a critical issue.

Enrollment at Century has been increasing since 1999: 12% increase in 1999, 17% increase in the 2000 summer sessions, and 27% increase in registration for Fall Semester 2000.

Century	FY 1999	FY 2001	FY 2002
FYE	4,015	4,825	5,100 (Projected)

Department of Economic Security statistics indicate that there will be a significant growth in the population in the northeast quadrant of the metropolitan area, where Century is the only two-year higher education institution. The continuation of these trends will only exacerbate Century's classroom shortage.

Project Rationale and Predesign:
The main purpose of this project is to alleviate the severe shortage of teaching space, especially smart classrooms, and to provide adequate space for the growing information technology and health sciences specialty areas. Employment demand has prompted increased course offerings in these fields.

This project will alleviate the current classroom shortage problem created by the consolidation and recent continuing growth in enrollment, provide ADA accessibility to 12 new classrooms, and provide space for program re-engineering that has not been possible for several years due to space shortages.

Century College is the largest two-year consolidated college in the state, located in a rapidly growing corridor of the Twin Cities Metropolitan area, offering over 60 academic and vocational programs. The College has experienced a significant enrollment increase this past year. Century College served over 9,600 students taking credit-classes, and over 25,000 students taking continuing education and customized training classes last year. As a consolidated college, and as more and more technology is integrated into the curriculum, the shortage of smart classroom space has become more acute every year.

The former Northeast Metro Technical College (NMTC) used a self-paced method of instruction. Elimination of this instructional method resulted in the need for about 20 additional classrooms. Following the consolidation of NMTC and Lakewood Community College, the more traditional lecture and lab method of instruction was adopted. Merging the two institutions had the effect of adding over 2,000 students needing access to general purpose and smart classrooms. At the time of consolidation there were only four general-purpose classrooms on the East campus, as compared to a need for at least 20 general-purpose classrooms.

The building requested in this project has a dedicated cooling system that would be able to maintain the climate necessary for computer classrooms, without making a demand on the cooling system in the main building. The acquisition of this building, located at the west end of the east building, has the effect of bringing the two campuses closer together. The new bridge and pedestrian walkway will be covered to improve accessibility between all three buildings.

Predesign was completed in July 2001, and was reviewed by MnSCU and Admin.

IMPACT ON AGENCY OPERATING BUDGETS (FACILITIES NOTES):
The operating budget will increase approximately $370,000 annually with the new square feet of space in this proposal. Operational costs are expected to increase $97,000 per year, and 6.0 additional faculty FTE will be hired, for a yearly cost of $273,000.

OTHER CONSIDERATIONS:
Consequences of Delayed funding:

- Century College has a unique window of opportunity in that ISD 916 is a willing seller and the College is a willing buyer. There is no guarantee that this opportunity will await the College a year or more from now.
- Re-engineering of academic and vocational programs will be severely limited, if not totally prohibited, because of space limitations
- There is a growing demand for advanced technology in the college curriculum as instructors integrate technology into coursework and programs. If Century College cannot provide classes students need, or new programs in demand by employers and the community, students will seek other educational alternatives.

Alternatives Analysis:
Should the College be unsuccessful in purchasing and renovating the building currently owned by ISD 916, and College space currently utilized by ISD 916, the alternative will be to request construction of a new building.

PROJECT CONTACT PERSON, TITLE, ADDRESS, PHONE, FAX, AND E-MAIL:
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Minnesota State Colleges & Universities
Century C&TC - Design Intermediate Space Remodel

AGENCY CAPITAL BUDGET REQUEST
Fiscal Years 2002-2007
Dollars in Thousands ($137,500 = $138)

Project Cost

TOTAL PROJECT COSTS All Years and All Funding Sources	**Project Costs** All Prior Years	**Project Costs** FY 2002-03	**Project Costs** FY 2004-05	**Project Costs** FY 2006-07	**Project Costs** All Years	**Project Start** (Month/Year)	**Project Finish** (Month/Year)
1. Property Acquisition							
Land, Land Easements, Options	$0	$0	$0	$0	$0		
Land and Buildings	0	1,100	0	0	1,100		
2. Predesign Fees	21	0	0	0	21	11/2000	06/2001
3. Design Fees							
Schematic	0	32	0	0	32	08/2002	11/2002
Design Development	0	42	0	0	42	01/2003	06/2003
Contract Documents	0	94	0	0	94	07/2003	10/2003
Construction Administration	0	0	45	0	45	05/2004	12/2004
4. Project Management						07/2004	04/2005
State Staff Project Management	0	0	0	0	0		
Non-State Project Management	0	72	26	0	98		
Commissioning	0	0	12	0	12		
Other Costs	0	0	0	0	0		
5. Construction Costs						08/2004	04/2005
Site & Building Preparation	0	0	0	0	0		
Demolition/Decommissioning	0	60	0	0	60		
Construction	0	0	2,288	0	2,288		
Infrastructure/Roads/Utilities	0	0	0	0	0		
Hazardous Material Abatement	0	100	0	0	100		
Construction Contingency	0	0	85	0	85		
Other Costs	0	0	0	0	0		
6. One Percent for Art	0	0	23	0	23		
7. Relocation Expenses	0	0	0	0	0		
8. Occupancy						10/2004	04/2005
Furniture, Fixtures and Equipment	0	0	343	0	343		
Telecommunications (voice & data)	0	0	100	0	100		
Security Equipment	0	0	24	0	24		
Other Costs	0	0	0	0	0		
SUBTOTAL: (items 1 – 8)	21	1,500	2,946	0	4,467		
9. Inflation							
Midpoint of Construction			02/2005				
Inflation Multiplier		0.00%	15.40%	0.00%			
Inflation Cost		0	454	0	454		
GRAND TOTAL	$21	$1,500	$3,400	$0	$4,921		

Dollars in Thousands ($137,500 = $138)

CAPITAL FUNDING SOURCES	Prior Years	FY 2002-03	FY 2004-05	FY 2006-07	TOTAL
State Funds :					
G.O Bonds/State Bldgs	0	1,500	3,400	0	4,900
State Funds Subtotal	0	1,500	3,400	0	4,900
Agency Operating Budget Funds	21	0	0	0	21
Federal Funds	0	0	0	0	0
Local Government Funds	0	0	0	0	0
Private Funds	0	0	0	0	0
Other	0	0	0	0	0
TOTAL	**21**	**1,500**	**3,400**	**0**	**4,921**

CHANGES IN STATE OPERATING COSTS	Changes in State Operating Costs (Without Inflation)			
	FY 2002-03	FY 2004-05	FY 2006-07	FY 2008-09
Compensation -- Program and Building Operation	0	0	546	546
Other Program Related Expenses	0	0	0	0
Building Operating Expenses	0	0	194	194
Building Repair and Replacement Expenses	0	0	0	0
State-Owned Lease Expenses	0	0	0	0
Nonstate-Owned Lease Expenses	0	0	0	0
Expenditure Subtotal	0	0	740	740
Revenue Offsets	0	0	0	0
TOTAL CHANGES	0	0	740	740
Change in F.T.E. Personnel	0.0	0.0	6.0	6.0

SOURCE OF FUNDS FOR DEBT SERVICE PAYMENTS (for bond-financed projects only)	Amount	Percent of Total
General Fund	1,005	67.0%
User Financing	495	33.0%

STATUTORY AND OTHER REQUIREMENTS Project applicants should be aware that the following requirements will apply to their projects after adoption of the bonding bill.	
Yes	MS 16B.335 (1a): Construction/Major Remodeling Review (by Legislature)
No	MS 16B.335 (1b): Project Exempt From This Review (by Legislature)
No	MS 16B.335 (2): Other Projects (require legislative notification)
Yes	MS 16B.335 (3): Predesign Review Required (by Administration Dept)
Yes	MS 16B.335 (4): Energy Conservation Requirements
Yes	MS 16B.335 (5): Information Technology Review (by Office of Technology)
Yes	MS 16A.695: Public Ownership Required (as per Finance Dept.)
No	MS 16A.695: Use Agreement Required (as per Finance Dept)
No	MS 16A.695: Program Funding Review Required (by granting agency)
Yes	Matching Funds Required (as per agency request)
Yes	Project Cancellation in 2007 (as per Finance Dept)

Department of Administration Analysis:

- I found the Strategic Planning and Systemwide presentations to be concise, in complete compliance with the agencies long-range format with a programmed balance that has been unmatched in recent years on state agency submittals.

- The premise of MnSCU to emphasize community, enrollment and science into their requests is paramount throughout the individual presentations. The fact to utilize a balance of requested bonded monies with asset preservation and operating funds to modify existing facilities to meet long-range goals speaks highly of the thought placed into this entire thesis.

- My compliments for a job well done!

- There is perhaps greater substantiated data listed in the individual requests from Metro colleges versus Greater Minnesota facilities however, the premise is definitely on science and technology. One area, "IT", really will assist Greater Minnesota campuses because of the more rural infrastructure however, the request for a new Metro State University Library and Technical Center in St. Paul is adjacent to the Connect Minnesota cable infrastructure that could expand that facility's outreach to the St. Paul Network and Capitol loops, then on to Minneapolis, St. Cloud, Alexandria, Fergus Falls, and Moorhead. All are within a reach of that potential infrastructure. What potential!

- Likewise, there are comments on ranges of costs and to make it clear I realize there are asset preservation monies being applied to a multitude of these projects and therefore take my comments as more of a "check and balance" not, a directive!

  - The occupancy costs appear to be on the high side while the construction costs on the low side but again there are asset preservation dollars being applied to this project. The logistics of these two campuses are frustratingly close.

Department of Finance Analysis:

In June 1998 the MnSCU Board adopted seven principles that were to guide their capital budget development process. These principles led to a four-point order of priority for the 2002-03 capital program: 1) Life Safety and Asset Preservation 2) Program Enhancement 3) Facility Revitalization Replacement, and 4) Cooperative Ventures.

STATEWIDE STRATEGIC SCORE		
Criteria	**Values**	**Points**
Critical Life Safety Emergency - Existing Hazards	0/700	0
Critical Legal Liability - Existing Liability	0/700	0
Prior Binding Commitment	0/700	0
Strategic Linkage - Agency Six Year Plan	0/40/80/120	40
Safety/Code Concerns	0/35/70/105	35
Customer Service/Statewide Significance	0/35/70/105	35
Agency Priority	0/25/50/75/100	25
User and Non-State Financing	0-100	33
State Asset Management	0/20/40/60	20
State Operating Savings or Operating Efficiencies	0/20/40/60	0
Contained in State Six-Year Planning Estimates	0/25/50	0
Total	700 Maximum	188

The MNSCU System has established a scoring system, similar to DOFs scoring system, to review and score each capital request. Up to 360 points are possible. These scores should reflect the degree to which the project meets the principles and order of priorities. Projects were grouped into tiers (i.e. every project with more than 200 points was put in the first tier).

The strategic planning summary also notes the five criteria established by the legislature in the past bonding bill for prioritizing higher education bonding requests.

This project will renovate space currently occupied by Intermediate School District 916 for computer center expansion and smart classrooms. When completed, operating budget costs will increase by $740,000 and 6 permanent FTEs.

Governor's Recommendation:

The Governor does not recommend capital funding for this request.

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2002 STATE APPROPRIATION REQUEST: $300,000

AGENCY PROJECT PRIORITY: 23 of 28

PROJECT LOCATION: South Central Technical College

PROJECT DESCRIPTION AND RATIONALE:

Design, through construction documents, the remodeling of 61,920 GSF of teaching labs at the North Mankato campus, and asset preservation of 90,000 GSF at the Faribault campus.

Academic programs affected by the teaching lab renovation at North Mankato include:

- Manufacturing Technology
- Printing and Graphics Technology
- Electronics and Wireless Communications
- Agribusiness Mechanics

This project will resolve current and deferred life safety and asset preservation issues on both campuses as well as resolve major ADA inaccessibility issues in the Agricultural Mechanics and Heating and Refrigeration areas of the North Mankato campus. The asset preservation work at the Faribault campus will include fire sprinkling, tuck pointing and window replacement.

Construction funds will be requested in 2004.

PROJECT RATIONALE AND RELATIONSHIP TO AGENCY LONG RANGE STRATEGIC PLAN AND CAPITAL PLAN:

MnSCU Strategic Plan:

This project is in direct support of the MnSCU strategic goals of:

- *Student Success* – It will increase the quality of teaching labs for students to better their opportunity to achieve their educational and career goals. The facility will enable the high quality of learning in these programs.

- *Institutional Excellence and Quality* – The renovated teaching labs will be very high quality, future oriented and accountable to the needs of business and industry who have had much input through local advisory committees. The facilities will align to the career goals of students and the workplace needs of the communities and business and industry by incorporating the most up-to-date equipment and systems.

South Central Technical College Master Plan:

This project is supported by work on the Master Academic and Facilities Pan of SCTC. The Master Plan is scheduled to be presented to the Board of Trustees in November of 2000. This project is in support of three of the strategic goals of SCTC:

Goal #1 Provide an educational environment that develops the skills and abilities of the learner for employment and life-long learning. This project will allow for greater flexibility in teaching and learning styles, as well as offer more cross-disciplinary training that is being required by our area businesses.

Goal #3 Resources -- Maximize financial, physical and human resources to accomplish our mission and vision. This project will result in the best and highest use of current space to make each student's educational experience a high quality.

Goal #5 Accountability - Provide quality education to meet the needs of the market within budgetary limits. This project will incorporate the latest in up-to-date equipment and systems to help students achieve their career goals.

This project is specifically identified as part of the long-range capital improvement plan in the SCTC master facilities plan, and is contemplated as a single-phase renovation of existing space.

The curricular related renovation is part of the master academic plan and is designed as a one-time project. The asset preservation project at Faribault is part of the Master Facilities Plan and results from deficiencies noted in the MnSCU Facility Condition Assessment.

Enrollment and Space Utilization:

The Mankato campus of SCTC has grown from 1,057 FYE in FY 1992 to 1,300 FYE in FY 2000. SCTC is experiencing a 2% annual growth over that period and projects campus enrollment of 1,565 FYE in FY 2002.

Teaching labs show a deficiency of 3% (15,000 GSF) in the MnSCU Space Utilization Study while Open Labs and classrooms space show a surplus. The renovation centers on teaching labs and a reallocation of existing open lab and classroom space to teaching labs on the North Mankato campus. Reallocation of space is based on the Master Academic plan, the space utilization study, and historical and projected enrollment changes.

Project Rationale and Predesign:

The renovation project will impact the following spaces at Mankato:

Manufacturing - open up or remove walls in the current machine tool lab area. Provide an open flexible lab space easily adaptable to changes in equipment and curriculum. Welding will be integrated into other curricular programs. These changes are consistent with recommendations from local advisory board. The MnSCU Manufacturing Business and Industry Partnership recommendations in the SCTC Academic Plan.

Ag Business Diesel Mechanics - to enlarge garage doors and remove walls to provide a more open lab environment that will accommodate the larger size of current farm machinery. Several deficiencies from the MnSCU Facilities Assessment report will also be corrected in this area.

Printing and Graphics - remove and replace walls and HVAC to accommodate the changes in curriculum from pre-press, press and post-press and to create a press flow that simulates printing and industry practices. Reallocate space for a proposed four-color press as part of the printing and graphics industry partnership best in class criteria. This is a growth high-wage employment field in the Mankato service area. Several deficiencies from the MnSCU Facilities Assessment report will also be corrected in this area.

Mankato area business have donated, or helped reduce the purchase costs, on large pieces of state-of-the-industry printing equipment for South Central, so that graduates will be trained on equipment currently in use in the graphics industry.

Wireless and Electronics - Renovate space to accommodate change in technology and large growth of wireless as a new major curriculum within electronics. Wireless technology is also a rapidly growing employment field with several large firms located in the Mankato area.

Asset Preservation at Faribault - fire sprinklers, tuck pointing and window replacement. This will remove $406 thousand from the deferred maintenance list at the Faribault campus.

All teaching lab renovations impact programs noted as important or growing programs within the SCTC Academic Plan. The changes are consistent with recommendations from local advisory committees.

Predesign was completed in October 2001, and was reviewed by MnSCU and Admin.

IMPACT ON STATE AGENCY OPERATING BUDGETS (FACILITIES NOTE):

These changes will not significantly affect the operating expenditures of the general operating budget, as there is no new square footage. There should be no new utility, maintenance or personnel costs associated with this project. However, increased efficiency of the ventilation system may result in improved conditions and some decrease in operating expenses (to be calculated during design).

OTHER CONSIDERATIONS:

Site Selection Alternatives:
Renewal/renovation of current space. Space Utilization Study does not support a request for new space.

Consequences of Delayed Funding:
Instructional programs will fall further behind current industry standards and practices if funding does not allow renovation of the teaching labs.

PROJECT CONTACT PERSON, TITLE, ADDRESS, PHONE, FAX, AND E-MAIL:

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E-mail: ricks@sctc.mnscu.edu

Minnesota State Colleges & Universities
South Central TC - Design Applied Labs Remodel

AGENCY CAPITAL BUDGET REQUEST
Fiscal Years 2002-2007
Dollars in Thousands ($137,500 = $138)

Project Cost

TOTAL PROJECT COSTS All Years and All Funding Sources	**Project Costs** All Prior Years	**Project Costs** FY 2002-03	**Project Costs** FY 2004-05	**Project Costs** FY 2006-07	**Project Costs** All Years	**Project Start** (Month/Year)	**Project Finish** (Month/Year)
1. Property Acquisition							
Land, Land Easements, Options	$0	$0	$0	$0	$0		
Land and Buildings	0	0	0	0	0		
2. Predesign Fees	15	0	0	0	15	11/2000	09/2001
3. Design Fees							
Schematic	0	41	0	0	41	07/2002	09/2002
Design Development	0	54	0	0	54	11/2002	01/2003
Contract Documents	0	123	0	0	123	02/2003	05/2003
Construction Administration	0	54	0	0	54	04/2003	10/2004
4. Project Management						04/2004	10/2005
State Staff Project Management	0	0	0	0	0		
Non-State Project Management	0	0	57	0	57		
Commissioning	0	0	0	0	0		
Other Costs	0	0	0	0	0		
5. Construction Costs						07/2004	10/2005
Site & Building Preparation	0	0	0	0	0		
Demolition/Decommissioning	0	0	40	0	40		
Construction	0	0	3,198	0	3,198		
Infrastructure/Roads/Utilities	0	0	0	0	0		
Hazardous Material Abatement	0	28	0	0	28		
Construction Contingency	0	0	128	0	128		
Other Costs	0	0	0	0	0		
6. One Percent for Art	0	0	28	0	28		
7. Relocation Expenses	0	0	0	0	0		
8. Occupancy						07/2004	10/2005
Furniture, Fixtures and Equipment	0	0	140	0	140		
Telecommunications (voice & data)	0	0	34	0	34		
Security Equipment	0	0	14	0	14		
Other Costs	0	0	0	0	0		
SUBTOTAL: (items 1 – 8)	15	300	3,639	0	3,954		
9. Inflation							
Midpoint of Construction			02/2005				
Inflation Multiplier		0.00%	15.40%	0.00%			
Inflation Cost		0	560	0	560		
GRAND TOTAL	$15	$300	$4,199	$0	$4,514		

Dollars in Thousands ($137,500 = $138)

CAPITAL FUNDING SOURCES	Prior Years	FY 2002-03	FY 2004-05	FY 2006-07	TOTAL
State Funds :					
G.O Bonds/State Bldgs	0	300	4,199	0	4,499
State Funds Subtotal	0	300	4,199	0	4,499
Agency Operating Budget Funds	15	0	0	0	15
Federal Funds	0	0	0	0	0
Local Government Funds	0	0	0	0	0
Private Funds	0	0	0	0	0
Other	0	0	0	0	0
TOTAL	**15**	**300**	**4,199**	**0**	**4,514**

CHANGES IN STATE OPERATING COSTS	Changes in State Operating Costs (Without Inflation)			
	FY 2002-03	FY 2004-05	FY 2006-07	FY 2008-09
Compensation -- Program and Building Operation	0	0	0	0
Other Program Related Expenses	0	0	0	0
Building Operating Expenses	0	0	0	0
Building Repair and Replacement Expenses	0	0	0	0
State-Owned Lease Expenses	0	0	0	0
Nonstate-Owned Lease Expenses	0	0	0	0
Expenditure Subtotal	0	0	0	0
Revenue Offsets	0	0	0	0
TOTAL CHANGES	0	0	0	0
Change in F.T.E. Personnel	0.0	0.0	0.0	0.0

SOURCE OF FUNDS FOR DEBT SERVICE PAYMENTS (for bond-financed projects only)	Amount	Percent of Total
General Fund	201	67.0%
User Financing	99	33.0%

STATUTORY AND OTHER REQUIREMENTS

Project applicants should be aware that the following requirements will apply to their projects after adoption of the bonding bill.

Yes	MS 16B.335 (1a): Construction/Major Remodeling Review (by Legislature)
No	MS 16B.335 (1b): Project Exempt From This Review (by Legislature)
No	MS 16B.335 (2): Other Projects (require legislative notification)
Yes	MS 16B.335 (3): Predesign Review Required (by Administration Dept)
Yes	MS 16B.335 (4): Energy Conservation Requirements
Yes	MS 16B.335 (5): Information Technology Review (by Office of Technology)
Yes	MS 16A.695: Public Ownership Required (as per Finance Dept.)
No	MS 16A.695: Use Agreement Required (as per Finance Dept)
No	MS 16A.695: Program Funding Review Required (by granting agency)
Yes	Matching Funds Required (as per agency request)
Yes	Project Cancellation in 2007 (as per Finance Dept)

Department of Administration Analysis:

- I found the Strategic Planning and Systemwide presentations to be concise, in complete compliance with the agencies long-range format with a programmed balance that has been unmatched in recent years on state agency submittals.

- The premise of MnSCU to emphasize community, enrollment and science into their requests is paramount throughout the individual presentations. The fact to utilize a balance of requested bonded monies with asset preservation and operating funds to modify existing facilities to meet long-range goals speaks highly of the thought placed into this entire thesis.

- My compliments for a job well done!

- There is perhaps greater substantiated data listed in the individual requests from Metro colleges versus Greater Minnesota facilities however, the premise is definitely on science and technology. One area, "IT", really will assist Greater Minnesota campuses because of the more rural infrastructure however, the request for a new Metro State University Library and Technical Center in St. Paul is adjacent to the Connect Minnesota cable infrastructure that could expand that facility's outreach to the St. Paul Network and Capitol loops, then on to Minneapolis, St. Cloud, Alexandria, Fergus Falls, and Moorhead. All are within a reach of that potential infrastructure. What potential!

- Likewise, there are comments on ranges of costs and to make it clear I realize there are asset preservation monies being applied to a multitude of these projects and therefore take my comments as more of a "check and balance" not, a directive!

  - The predesign has been submitted and being in two separate locations the costs appear to be on the low side if one firm were to build both phases. The A/E fee is on the low side for this project.

Department of Finance Analysis:

In June 1998 the MnSCU Board adopted seven principles that were to guide their capital budget development process. These principles led to a four-point order of priority for the 2002-03 capital program: 1) Life Safety and Asset Preservation 2) Program Enhancement 3) Facility Revitalization Replacement, and 4) Cooperative Ventures.

STATEWIDE STRATEGIC SCORE		
Criteria	**Values**	**Points**
Critical Life Safety Emergency - Existing Hazards	0/700	0
Critical Legal Liability - Existing Liability	0/700	0
Prior Binding Commitment	0/700	0
Strategic Linkage - Agency Six Year Plan	0/40/80/120	40
Safety/Code Concerns	0/35/70/105	35
Customer Service/Statewide Significance	0/35/70/105	35
Agency Priority	0/25/50/75/100	25
User and Non-State Financing	0-100	33
State Asset Management	0/20/40/60	20
State Operating Savings or Operating Efficiencies	0/20/40/60	0
Contained in State Six-Year Planning Estimates	0/25/50	0
Total	700 Maximum	188

The MNSCU System has established a scoring system, similar to DOFs scoring system, to review and score each capital request. Up to 360 points are possible. These scores should reflect the degree to which the project meets the principles and order of priorities. Projects were grouped into tiers (i.e. every project with more than 200 points was put in the first tier).

The strategic planning summary also notes the five criteria established by the legislature in the past bonding bill for prioritizing higher education bonding requests.

Programs affected include manufacturing technology, printing and graphics technology, electronics and wireless communications, and agribusiness mechanics, which are commonly identified as to high priority workforce development fields.

No changes are included in the operating costs section of the proposal.

Governor's Recommendation:

The Governor does not recommend capital funding for this request.

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2002 STATE APPROPRIATION REQUEST: $760,000

AGENCY PROJECT PRIORITY: 24 of 28

PROJECT LOCATION: Fergus Falls Community College

PROJECT DESCRIPTION AND RATIONALE:

This is a two-part project to:

- Design, construct, and equip a 1,900 GSF expansion of the existing maintenance shop. This shop addition was part of MnSCUs FY 2000 capital request.
- Design an addition (28,750 GSF) to link Administration and Fine Arts to provide a "one-stop student services shop", smart classrooms, open computer labs, and a remodeling (5,705 GSF) to provide space for technology support next to the library, as well as asset preservation work.
  - 28,750 GSF student services, smart classroom, fine arts and storage construction
  - 5,705 GSF classrooms, offices, ITV remodeling and renovations
  - Boiler replacement or sustainable energy sources and infrastructure
  - Site modifications to relocate athletic fields and expand parking

Construction monies will be requested in 2004.

PROJECT RATIONALE AND RELATIONSHIP TO AGENCY LONG RANGE STRATEGIC PLAN AND CAPITAL PLAN:

MnSCU Strategic Plan:
The Maintenance Shop and Expansion directly support MnSCUs strategic goals of:

- *Student success*: Builds upon existing strong transfer curriculum programs, career oriented programs, expands facility support for technical programs and provides for high quality learning and support services.
- *Institutional excellence and quality*: The project provides technological enhancements through smart classrooms, open computer labs, ITV classrooms for competitive, high quality, future-oriented programs that are focused on and accountable to the needs of students, employers and the community.
- *MnSCU system leadership*: The project shows FFCCs commitment to protecting, preserving and developing existing assets, as well as serving as a regional hub for technology infrastructure.

Fergus Falls Master Plan:
These projects are supported by the Master Facilities Plan of Fergus Falls Community College, which was presented to the Board of Trustees in March 2000.

They support FFCCs goals to:

- enhance student experiences for transfer and employment
- create a technological advantage and quality educational programs
- increase accessibility of instruction through the use of blended computer/multi media technologies and flexible space design

As a comprehensive community college, FFCC is well positioned to maintain its solid tradition of general and liberal education, to be an increasingly responsive partner in community workforce and economic development efforts (particularly in health care and business), and to promote technology infrastructure and training for students, employees, and the rural communities we serve.

Enrollment and Space Utilization:

Fergus Falls:	FY 2001 Actual	FY 2002 Projected
FYE	1,216	1,238

The 2001 Systemwide Utilization Study calls for immediate and projected needs of:

	Fall 2001 Deficit/Sq. Ft		Fall 2006 Projected Deficit/Sq. Ft.	
Open Laboratories	4343	(227%)	4947	(239%)
Student Support Space	5092	(35%)	6903	(40%)
Physical Plant	1539	(158%)	1781	(168%)

The immediate construction needs addressed by this request meet a critical storage need for FFCC for equipment, janitorial and sports supplies and equipment. The 2001 Paulien Space Utilization Study cites current storage as inadequate and the Facility Condition Assessment as a potential fire hazard.

Project Rationale and Predesign:
Maintenance Shop:
New construction of a 1,900 GSF maintenance shop facility for $237,000 is requested. FFCC employees provide all the grounds care and snow removal for the 146 acre campus. Currently some equipment is kept outdoors, while a space heater is used in the current smaller garage. Heated storage space will be used to increase on site equipment and supply storage for FFCC, provide inventory control, and protect state equipment and vehicles (pick-ups and tractors). The addition will also provide heated workspace for the maintenance crew to service equipment and vehicles.

The proposed maintenance shop included in this project deals with two needs: 1) providing identified, needed storage space for college records, supplies and maintenance equipment; and 2) providing a work space for the maintenance staff to work on vehicles and equipment.

Link Construction Project includes:
New construction: A plan to connect all campus buildings has been in place since the 1988 master plan. New construction (28,750 GSF) will connect existing buildings to:

- increase instructional space to support growth in fine arts programs;
- increase instructional space to provide smart classrooms;
- increase student services space and provide a "one-stop shop"
- meet a demonstrated need for open computer lab space; and
- include a new main entrance with flexible large group space.

Remodeled space: Remodeling (5,705 SF) will consolidate departments and create instructional areas better sized and configured to their current purpose. The plan:

- relocate ITV classrooms near existing computer labs and incorporate audiovisual production and preview facilities near existing video production.
- update lecture hall in library building to comply with ADA and to improve technology for multi media classroom presentations.
- asset preservation needs corrected with construction include masonry repair, tuckpointing, waterproofing stucco, window replacement, ADA restrooms, HVAC upgrades, and boiler replacement. This asset preservation will correct $400,000 on Fergus Falls' facilities condition inventory.

Site modifications: Phase 1 site work addresses immediate needs for parking, signage and alignment of the perimeter drive to the campus. Modifications include:

- relocation of athletic fields
- expansion of parking near the Waage Fine Arts Building and south of gymnasium to include bus access
- improved exterior drainage between the science building and the college center

The 2002 funding will accomplish two goals. First, it will provide needed garage work space for maintenance staff and supply and equipment storage. Second, it will provide the design funds essential to preparing a strong, strategic capital improvement to address growing deficits in open laboratories, office space, and special/support space, as well as recommendations on sustainable energy systems.

FFCC is an essential community partner in providing and promoting technology infrastructure and training for students, employees, and the rural communities we serve. Academic programs must continually upgrade technology in order to educate students for ever-changing work environments. While FFCC has adequate classroom space for general use, expanded computer labs and technology-enhanced classrooms are needed. The design will incorporate adaptable/ flexible/multiple use spaces to accommodate changing technology and training needs, as well as new approaches to teaching and learning (technology, distance delivery, active learning, service learning, performance based, etc.)

Predesign was completed in February 2001, and has been reviewed by MnSCU and Admin.

IMPACT ON STATE AGENCY OPERATING BUDGETS (FACILITIES NOTE):

The 2002 maintenance shop expansion will require an additional $5,500 to operate (calculated at $2.90 per sq. ft.). Efficiencies realized by improved working space for the maintenance staff will offset this added expense of operation. There will be additional expenses for the addition to be requested in 2004, which will be reported in the FY 2004 budget.

OTHER CONSIDERATIONS:

Site Selection Alternatives:
Consideration of other sites was not necessary. The logical solution to our maintenance needs is to increase the size of the existing garage. The new construction connects existing buildings in keeping with MnSCU policy and FFCC long-range master plan to attach contiguous buildings whenever feasible.

Consequences of Delayed Funding:
If the garage project is not funded, FFCC will:

- Impair the work of maintenance staff as stewards of property and equipment. We have simply outgrown the space available for maintenance to work in protected area and for storage in compliance with OSHA and MPCA laws.
- Will need to find and rent off site storage.

If design funds are not secured, FFCC will:

- Miss opportunities for increased technologies and alternative course delivery that build upon existing strong off-campus partnerships.
- Lose a competitive advantage to provide students and employers with educational opportunities unique to our region.
- Continue to function with limited space and resources in high growth programs (e.g., music, computer technology, off-campus/non-traditional programs et al).

PROJECT CONTACT PERSON, TITLE, ADDRESS, PHONE, FAX, AND E-MAIL:

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Minnesota State Colleges & Universities
Fergus Falls CC - Design IT & Student Services Add

AGENCY CAPITAL BUDGET REQUEST
Fiscal Years 2002-2007
Dollars in Thousands ($137,500 = $138)

Project Cost

TOTAL PROJECT COSTS All Years and All Funding Sources	**Project Costs** All Prior Years	**Project Costs** FY 2002-03	**Project Costs** FY 2004-05	**Project Costs** FY 2006-07	**Project Costs** All Years	**Project Start** (Month/Year)	**Project Finish** (Month/Year)
1. Property Acquisition							
Land, Land Easements, Options	$0	$0	$0	$0	$0		
Land and Buildings	0	0	0	0	0		
2. Predesign Fees	19	0	0	0	19	06/2000	02/2001
3. Design Fees							
Schematic	0	130	0	0	130	10/2002	02/2003
Design Development	0	133	0	0	133	02/2003	07/2003
Contract Documents	0	186	0	0	186	08/2003	02/2004
Construction Administration	0	14	119	0	133	06/2004	01/2005
4. Project Management						06/2004	12/2006
State Staff Project Management	0	0	0	0	0		
Non-State Project Management	0	30	99	0	129		
Commissioning	0	0	7	0	7		
Other Costs	0	0	0	0	0		
5. Construction Costs						10/2002	02/2003
Site & Building Preparation	0	32	48	0	80		
Demolition/Decommissioning	0	4	30	0	34		
Construction	0	158	3,908	0	4,066		
Infrastructure/Roads/Utilities	0	14	550	0	564		
Hazardous Material Abatement	0	3	67	0	70		
Construction Contingency	0	9	273	0	282		
Other Costs	0	0	0	0	0		
6. One Percent for Art	0	2	45	0	47		
7. Relocation Expenses	0	0	0	0	0		
8. Occupancy						10/2002	02/2003
Furniture, Fixtures and Equipment	0	3	244	0	247		
Telecommunications (voice & data)	0	1	153	0	154		
Security Equipment	0	1	17	0	18		
Other Costs	0	0	0	0	0		
SUBTOTAL: (items 1 – 8)	19	720	5,560	0	6,299		
9. Inflation							
Midpoint of Construction		11/2002	06/2005				
Inflation Multiplier		5.50%	16.90%	0.00%			
Inflation Cost		40	940	0	980		
GRAND TOTAL	$19	$760	$6,500	$0	$7,279		

Dollars in Thousands ($137,500 = $138)

CAPITAL FUNDING SOURCES	Prior Years	FY 2002-03	FY 2004-05	FY 2006-07	TOTAL
State Funds :					
G.O Bonds/State Bldgs	0	760	6,500	0	7,260
State Funds Subtotal	0	760	6,500	0	7,260
Agency Operating Budget Funds	19	0	0	0	19
Federal Funds	0	0	0	0	0
Local Government Funds	0	0	0	0	0
Private Funds	0	0	0	0	0
Other	0	0	0	0	0
TOTAL	**19**	**760**	**6,500**	**0**	**7,279**

CHANGES IN STATE OPERATING COSTS	Changes in State Operating Costs (Without Inflation)			
	FY 2002-03	FY 2004-05	FY 2006-07	FY 2008-09
Compensation -- Program and Building Operation	0	0	0	0
Other Program Related Expenses	0	0	0	0
Building Operating Expenses	0	6	11	11
Building Repair and Replacement Expenses	0	0	0	0
State-Owned Lease Expenses	0	0	0	0
Nonstate-Owned Lease Expenses	0	0	0	0
Expenditure Subtotal	0	6	11	11
Revenue Offsets	0	0	0	0
TOTAL CHANGES	0	6	11	11
Change in F.T.E. Personnel	0.0	0.0	0.0	0.0

SOURCE OF FUNDS FOR DEBT SERVICE PAYMENTS (for bond-financed projects only)	Amount	Percent of Total
General Fund	510	67.0%
User Financing	250	33.0%

STATUTORY AND OTHER REQUIREMENTS Project applicants should be aware that the following requirements will apply to their projects after adoption of the bonding bill.	
Yes	MS 16B.335 (1a): Construction/Major Remodeling Review (by Legislature)
No	MS 16B.335 (1b): Project Exempt From This Review (by Legislature)
No	MS 16B.335 (2): Other Projects (require legislative notification)
Yes	MS 16B.335 (3): Predesign Review Required (by Administration Dept)
Yes	MS 16B.335 (4): Energy Conservation Requirements
Yes	MS 16B.335 (5): Information Technology Review (by Office of Technology)
Yes	MS 16A.695: Public Ownership Required (as per Finance Dept.)
No	MS 16A.695: Use Agreement Required (as per Finance Dept)
No	MS 16A.695: Program Funding Review Required (by granting agency)
Yes	Matching Funds Required (as per agency request)
Yes	Project Cancellation in 2007 (as per Finance Dept)

Department of Administration Analysis:

9/25/01 ATU

- I found the Strategic Planning and Systemwide presentations to be concise, in complete compliance with the agencies long-range format with a programmed balance that has been unmatched in recent years on state agency submittals.

- The premise of MnSCU to emphasize community, enrollment and science into their requests is paramount throughout the individual presentations. The fact to utilize a balance of requested bonded monies with asset preservation and operating funds to modify existing facilities to meet long-range goals speaks highly of the thought placed into this entire thesis.

- My compliments for a job well done!

- There is perhaps greater substantiated data listed in the individual requests from Metro colleges versus Greater Minnesota facilities however, the premise is definitely on science and technology. One area, "IT", really will assist Greater Minnesota campuses because of the more rural infrastructure however, the request for a new Metro State University Library and Technical Center in St. Paul is adjacent to the Connect Minnesota cable infrastructure that could expand that facility's outreach to the St. Paul Network and Capitol loops, then on to Minneapolis, St. Cloud, Alexandria, Fergus Falls, and Moorhead. All are within a reach of that potential infrastructure. What potential!

- Likewise, there are comments on ranges of costs and to make it clear I realize there are asset preservation monies being applied to a multitude of these projects and therefore take my comments as more of a "check and balance" not, a directive!

- The narrative should be made clearer as to its initial premise in this request. The occupancy costs are good while the remodeling costs are high but this has been a historically difficult campus to integrate physically!

Department of Finance Analysis:

In June 1998 the MnSCU Board adopted seven principles that were to guide their capital budget development process. These principles led to a four-point order of priority for the 2002-03 capital program: 1) Life Safety and Asset Preservation 2) Program Enhancement 3) Facility Revitalization Replacement, and 4) Cooperative Ventures.

STATEWIDE STRATEGIC SCORE		
Criteria	**Values**	**Points**
Critical Life Safety Emergency - Existing Hazards	0/700	0
Critical Legal Liability - Existing Liability	0/700	0
Prior Binding Commitment	0/700	0
Strategic Linkage - Agency Six Year Plan	0/40/80/120	40
Safety/Code Concerns	0/35/70/105	35
Customer Service/Statewide Significance	0/35/70/105	35
Agency Priority	0/25/50/75/100	25
User and Non-State Financing	0-100	33
State Asset Management	0/20/40/60	20
State Operating Savings or Operating Efficiencies	0/20/40/60	0
Contained in State Six-Year Planning Estimates	0/25/50	25
Total	700 Maximum	213

The MNSCU System has established a scoring system, similar to DOFs scoring system, to review and score each capital request. Up to 360 points are possible. These scores should reflect the degree to which the project meets the principles and order of priorities. Projects were grouped into tiers (i.e. every project with more than 200 points was put in the first tier).

The strategic planning summary also notes the five criteria established by the legislature in the past bonding bill for prioritizing higher education bonding requests.

This project has a capital budget tail of $6.5 million that would fund construction of a maintenance garage and new space for classrooms and labs, as well as asset preservation.

Governor's Recommendation:

The Governor does not recommend capital funding for this request.

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2002 STATE APPROPRIATION REQUEST: $6,300,000

AGENCY PROJECT PRIORITY: 25 of 28

PROJECT LOCATION: Minnesota West Community & Technical College

PROJECT DESCRIPTION AND RATIONALE:

Design, construction or remodel, furnish and equip 52,954 GSF of the following spaces:

- 3,000 GSF of student services relocation and college entry addition, creating a centralized, convenient "one-stop student services shop" and welcome counter.
- Remodeling of the current student services area (poorly located on the second floor) into a consolidated nursing and allied health department, remodel and reconfigure three science laboratories and associated prep/storage and offices spaces, remodel 14 classrooms, 1 computer lab, 2 graphics/CAD applied laboratories, and related offices (21,519 GSF).
- Asset preservation of 49,954 GSF to resolve current concerns with aging HVAC systems, replace windows and plumbing, improve efficiency of lighting, as well as provide ADA code compliant doors, restrooms and elevators.

Academic programs impacted by this remodeling include: 1) Nursing (RN, LPN, CNA); 2) pharmacy technician; 3) agronomy and soil science; 4) graphic arts; 5) pre-engineering; 6) animal nutrition; 7) environmental science; 8) soil fertility; and 9) general science transfer credits in chemistry, biology and physics.

PROJECT RATIONALE AND RELATIONSHIP TO AGENCY LONG RANGE STRATEGIC PLAN AND CAPITAL PLAN:

MnSCU Strategic Plan:

This project is in direct support of the MnSCU strategic goals:

- *Student Success* -- Student Resource Center provides a one-stop access to all student services, technology support, cafeteria, activities; and the creation of appropriately sized and equipped science and technology laboratories and classrooms will better prepare students for employment.
- *Institutional Quality & Excellence* -- Minnesota West can meet rapidly changing demographic needs in the community. Each year, a larger number of first-generation minority students are seeking opportunities in our education system. The integrated one-stop student services area will simplify the process of enrollment, making the process much less intimidating and confusing, and hopefully leading to increased retention.
- *System Leadership* -- Minnesota West provides high quality, easily accessible liberal arts and technical education in support of the agricultural and business communities of southwestern Minnesota, the most rural region of the state.

This project will ensure that Minnesota West Worthington Campus students continue to receive high quality academic and technical training and that the campus is well positioned to meet the changing needs of the region, community and students.

Minnesota West Community & Technical College Master Plan:

This project is supported by the Master Academic and Facility Plan for the college, which was presented to the Board of Trustees on 9-19-2000. This project supports all of the applicable strategic goals of Minnesota West, and has been identified as the first step of the long-range capital improvement plan in Minnesota West College Facilities Master Plan.

- *Provide **quality instructional spaces** for academic and technical education.* This project will allow the college to solve critical educational delivery needs on this campus by creating *appropriately* sized and equipped classrooms and laboratories.
- *Create a **unified college identity**.* Minnesota West, with campuses in five communities, needs to create a new "Front Door" image that is common to all campuses. This project and future projects on the other campuses will relocate and centralize the student services point of entry to the campus, and enhance our public image with a recognizable college "front door" icon.
- *Develop a convenient **"one-stop student services shop"**.* This project will consolidate and relocate all student services functions to the ground floor entrance to allow this concept to materialize on this campus. It will provide reconfigured Admissions, Financial Aid, Counseling, Disabled Student Resources, Computer Commons, Bookstore, Technical Support, Student Lounge, Cafeteria, and meeting space. Accessible, easy-to-find student services are important to all students, but especially to first generation college students.
- *Consolidate the **Nursing and Allied Health Department**.* Access to rural health care requires training of nurses and allied health professionals locally. This project will consolidate nursing and allied health classrooms, labs and offices that are now scattered around the campus in one central location.

Enrollment and Space Utilization:

Minnesota West Worthington Campus has grown from 523 FYE in 1999 to a projected 842 FYE in 2005. For a projected increase of 61%. The rapidly diversifying population of the area and the popularity of the program offerings in

Pharmacy Technician, Graphic Design, and Auto-CAD, Cosmetology, Nursing and Public Administration drive this dramatic increase.

FYE Enrollment	1999	2001	2002 Projected
MnWest C&TC	2,079	2,041	2,075

The 2001 Space Utilization Study showed a surplus of space at Worthington. However, the existing space is not configured well for current course offerings, nor does it meet current the current methods of education delivery that focus on group dynamics and technology. The objective of this request is to reconfigure existing space into more adaptable, multi-use rooms to increase utilization of the whole facility.

This project will provide appropriately conceptualized, sized, furnished and located spaces for classrooms, laboratories, faculty and administrative offices, student study spaces, and physical plant, in addition to a recognized need for more efficient and welcoming student services. All these areas are addressed in our Master Plan.

Project Rationale and Pre-design:

The Administration/Classroom Building was constructed in 1965 and has not had a major remodeling since that time. Many changes have taken place in educational delivery at Minnesota West in the past 40 years. The college has joined four technical colleges in the region and that has changed the mix of degree programs. The growing emphasis on health care and science professions (particularly agronomy) has increased the need for laboratory space. The accelerating pace of change in the sciences and technology has changed the way that classrooms and laboratories should be configured to meet student and workforce expectations.

The explosion of health care careers and the resultant need for trained nurses, assistants and technicians has had a large impact on making the current classroom/ laboratory configurations obsolete. A recent survey shows that high schools in the region have far better equipped science laboratories than our college presently has available. When this building was originally constructed, computer and technology use in colleges was minimal. Now employers expect college graduates to be up to date with rapidly changing technology, creating a need for computer labs and smart classrooms. This remodeling will address all these necessary pedagogical changes.

In addition, the creation of a "one-stop student services shop" is a new development in offering student services, but a critical one if the college is to remain viable. Minnesota West has a large population of first generation students and a large target population of students of color. The student services area must be open, warm and friendly. That first interaction must draw students in and make the process of registering for and paying for classes easy and transparent. The new "front door" will provide an easy stress-free welcome to everyone entering our campus.

This renovation will allow the college to meet its academic goals, and target $1.1 million from the Condition Assessment needs list. Asset preservation items included in this project will allow the college to modernize the aging HVAC systems, replace windows and plumbing, improve efficiency of lighting, as well as provide ADA code compliant doors, restrooms and elevators.

Predesign of this project was completed July 2001, and was reviewed by MnSCU and Admin.

IMPACT ON STATE AGENCY OPERATING BUDGETS (FACILITIES NOTE):

The operating budget for this campus will not increase significantly as a result of this project. Costs to operate the additional square footage will be $9,000 per year, but it is anticipated that the college will realize $14,000 in savings in the cost of utilities, building repairs and staffing due to better efficiency. There will be no increase in maintenance staffing.

OTHER CONSIDERATIONS:

Site Selection Alternatives:
This is primarily a remodeling, so no other sites were considered. The site chosen for the location of the new front entry proves to be the most practical in terms of view from the community, connection to the existing buildings and access from roads and parking lots.

Consequences of Delayed Funding:
Minnesota West Worthington Campus will be unable to meet the expected changes in program development shown in our Master Plan, and required by our local employers. Students and potential students will look outside the area to Iowa and South Dakota for educational opportunities further weakening the economic base of the region. The Worthington area is one of the fastest growing (non-metro) areas in the state in terms of ethnic diversity. The facilities and programs offered by Minnesota West must keep pace with these changes.

PROJECT CONTACT PERSON, TITLE, ADDRESS, PHONE, FAX, AND E-MAIL:

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Minnesota State Colleges & Universities
MnWest Worthington CTC - Science, Nursing Remodel

AGENCY CAPITAL BUDGET REQUEST
Fiscal Years 2002-2007
Dollars in Thousands ($137,500 = $138)

Project Cost

TOTAL PROJECT COSTS All Years and All Funding Sources	**Project Costs** All Prior Years	**Project Costs** FY 2002-03	**Project Costs** FY 2004-05	**Project Costs** FY 2006-07	**Project Costs** All Years	**Project Start** (Month/Year)	**Project Finish** (Month/Year)
1. Property Acquisition							
Land, Land Easements, Options	$0	$0	$0	$0	$0		
Land and Buildings	0	0	0	0	0		
2. Predesign Fees	40	0	0	0	40	07/2000	06/2001
3. Design Fees							
Schematic	0	40	0	0	40	08/2002	11/2002
Design Development	0	81	0	0	81	12/2002	01/2003
Contract Documents	0	201	0	0	201	02/2003	04/2003
Construction Administration	0	81	0	0	81	03/2003	11/2003
4. Project Management						06/2003	07/2004
State Staff Project Management	0	0	0	0	0		
Non-State Project Management	0	60	0	0	60		
Commissioning	0	1	0	0	1		
Other Costs	0	0	0	0	0		
5. Construction Costs						06/2003	07/2004
Site & Building Preparation	0	75	0	0	75		
Demolition/Decommissioning	0	182	0	0	182		
Construction	0	4,350	0	0	4,350		
Infrastructure/Roads/Utilities	0	60	0	0	60		
Hazardous Material Abatement	0	100	0	0	100		
Construction Contingency	0	150	0	0	150		
Other Costs	0	0	0	0	0		
6. One Percent for Art	0	43	0	0	43		
7. Relocation Expenses	0	0	0	0	0		
8. Occupancy						10/2003	07/2004
Furniture, Fixtures and Equipment	0	226	0	0	226		
Telecommunications (voice & data)	0	76	0	0	76		
Security Equipment	0	12	0	0	12		
Other Costs	0	0	0	0	0		
SUBTOTAL: (items 1 – 8)	40	5,738	0	0	5,778		
9. Inflation							
Midpoint of Construction		11/2003					
Inflation Multiplier		9.80%	0.00%	0.00%			
Inflation Cost		562	0	0	562		
GRAND TOTAL	$40	$6,300	$0	$0	$6,340		

Dollars in Thousands ($137,500 = $138)

CAPITAL FUNDING SOURCES	Prior Years	FY 2002-03	FY 2004-05	FY 2006-07	TOTAL
State Funds :					
G.O Bonds/State Bldgs	0	6,300	0	0	6,300
State Funds Subtotal	0	6,300	0	0	6,300
Agency Operating Budget Funds	40	0	0	0	40
Federal Funds	0	0	0	0	0
Local Government Funds	0	0	0	0	0
Private Funds	0	0	0	0	0
Other	0	0	0	0	0
TOTAL	**40**	**6,300**	**0**	**0**	**6,340**

CHANGES IN STATE OPERATING COSTS	Changes in State Operating Costs (Without Inflation)			
	FY 2002-03	FY 2004-05	FY 2006-07	FY 2008-09
Compensation -- Program and Building Operation	0	0	0	0
Other Program Related Expenses	0	0	0	0
Building Operating Expenses	0	18	18	18
Building Repair and Replacement Expenses	0	0	4	4
State-Owned Lease Expenses	0	0	0	0
Nonstate-Owned Lease Expenses	0	0	0	0
Expenditure Subtotal	0	18	22	22
Revenue Offsets	0	0	0	0
Other Offsets	0	<28>	<28>	<28>
TOTAL CHANGES	0	<10>	<6>	<6>
Change in F.T.E. Personnel	0.0	0.0	0.0	0.0

SOURCE OF FUNDS FOR DEBT SERVICE PAYMENTS (for bond-financed projects only)	Amount	Percent of Total
General Fund	4,221	67.0%
User Financing	2,079	33.0%

STATUTORY AND OTHER REQUIREMENTS Project applicants should be aware that the following requirements will apply to their projects after adoption of the bonding bill.	
Yes	MS 16B.335 (1a): Construction/Major Remodeling Review (by Legislature)
No	MS 16B.335 (1b): Project Exempt From This Review (by Legislature)
No	MS 16B.335 (2): Other Projects (require legislative notification)
Yes	MS 16B.335 (3): Predesign Review Required (by Administration Dept)
Yes	MS 16B.335 (4): Energy Conservation Requirements
Yes	MS 16B.335 (5): Information Technology Review (by Office of Technology)
Yes	MS 16A.695: Public Ownership Required (as per Finance Dept.)
No	MS 16A.695: Use Agreement Required (as per Finance Dept)
No	MS 16A.695: Program Funding Review Required (by granting agency)
Yes	Matching Funds Required (as per agency request)
Yes	Project Cancellation in 2007 (as per Finance Dept)

Department of Administration Analysis:

- I found the Strategic Planning and Systemwide presentations to be concise, in complete compliance with the agencies long-range format with a programmed balance that has been unmatched in recent years on state agency submittals.

- The premise of MnSCU to emphasize community, enrollment and science into their requests is paramount throughout the individual presentations. The fact to utilize a balance of requested bonded monies with asset preservation and operating funds to modify existing facilities to meet long-range goals speaks highly of the thought placed into this entire thesis.

- My compliments for a job well done!

- There is perhaps greater substantiated data listed in the individual requests from Metro colleges versus Greater Minnesota facilities however, the premise is definitely on science and technology. One area, "IT", really will assist Greater Minnesota campuses because of the more rural infrastructure however, the request for a new Metro State University Library and Technical Center in St. Paul is adjacent to the Connect Minnesota cable infrastructure that could expand that facility's outreach to the St. Paul Network and Capitol loops, then on to Minneapolis, St. Cloud, Alexandria, Fergus Falls, and Moorhead. All are within a reach of that potential infrastructure. What potential!

- Likewise, there are comments on ranges of costs and to make it clear I realize there are asset preservation monies being applied to a multitude of these projects and therefore take my comments as more of a "check and balance" not, a directive!

- Again asset preservation monies will play an important role in these renovations that attribute to the lower bond requests. Good program!

Department of Finance Analysis:

In June 1998 the MnSCU Board adopted seven principles that were to guide their capital budget development process. These principles led to a four-point order of priority for the 2002-03 capital program: 1) Life Safety and Asset Preservation 2) Program Enhancement 3) Facility Revitalization Replacement, and 4) Cooperative Ventures.

The MNSCU System has established a scoring system, similar to DOFs scoring system, to review and score each capital request. Up to 360 points are possible.

STATEWIDE STRATEGIC SCORE		
Criteria	**Values**	**Points**
Critical Life Safety Emergency - Existing Hazards	0/700	0
Critical Legal Liability - Existing Liability	0/700	0
Prior Binding Commitment	0/700	0
Strategic Linkage - Agency Six Year Plan	0/40/80/120	40
Safety/Code Concerns	0/35/70/105	35
Customer Service/Statewide Significance	0/35/70/105	35
Agency Priority	0/25/50/75/100	25
User and Non-State Financing	0-100	33
State Asset Management	0/20/40/60	20
State Operating Savings or Operating Efficiencies	0/20/40/60	20
Contained in State Six-Year Planning Estimates	0/25/50	0
Total	700 Maximum	208

These scores should reflect the degree to which the project meets the principles and order of priorities. Projects were grouped into tiers (i.e. every project with more than 200 points was put in the first tier).

The strategic planning summary also notes the five criteria established by the legislature in the past bonding bill for prioritizing higher education bonding requests.

Minor savings in operating costs are expected to occur because of this project.

Governor's Recommendation:

The Governor does not recommend capital funding for this request.

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2002 STATE APPROPRIATION REQUEST: $500,000

AGENCY PROJECT PRIORITY: 26 of 28

PROJECT LOCATION: Inver Hills Community College

PROJECT DESCRIPTION AND RATIONALE:

Design the construction of a 12,000 GSF addition and the remodeling of 19,000 GSF in the College Center Building. The construction and remodeling will:

- Create a "one-stop student services shop" for both credit and customized training students,
- Enlarge and co-locate central services, the bookstore, and loading dock,
- Provide a more efficient centralized chilled water system, as well as
- Provide a welcoming "front door" and help desk for the campus.

Construction funds to be requested in 2004. During design the college plans to seek nonstate matching funds to add an Internet Technology Training Center to the project. The college will explore options for adding these classrooms in a third level of the addition or in new infill space inside the existing College Center building.

PROJECT RATIONALE AND RELATIONSHIP TO AGENCY LONG RANGE STRATEGIC PLAN AND CAPITAL PLAN:

This project will support MnSCUs Strategic Goals of:
Student Success- **improve** current and adult learner's abilities to seamlessly design their educational experience and attain career goals through coordinated "one-stop" student services.
Institutional Excellence and Quality- provide a front door to the college supporting a one-stop shop concept of student services consistent with Inver Hill's master academic plan. Inver Hills is one of five Cisco Certified Network Professional Training sites, serving 12 mid-western states with one of the highest certification pass ratios in the country. The project will also consolidate all college business functions to increase operating efficiency.
System Leadership - focus on preservation of current college assets by centralizing the chiller plant to replace aged HVAC equipment and increase operating efficiency, as well as address plant services space deficiencies.

Inver Hills Master Academic and Facilities Plan:

The Student Center represents the next phase of facility improvements described in the 1995 Campus Master Plan approved by the Board of Trustees in 1998, and is also in direct support of four of the primary goals in the college's strategic plan:

- Provide multiple opportunities to help students determine their educational/career goals,
- Help students persist to achieve their academic and career goals,
- Provide the foundation for continued formal education and life-long learning,
- Improve students' understanding and effective use of technology in learning,
- Help organizations improve effectiveness through employee education and training.

Enrollment and Space Utilization:

Inver Hills' service area has undergone a 13% population increase in the last decade. State Planning predicts continued growth to 2010. Inver Hills is anticipating an enrollment of credit students by 2005 of 2,950 and 4,500 by 2010, and further anticipates serving 3,000 incumbent workers with customized training by 2005.

Inver Hills	FY 1999	FY 2001	FY 2002
FYE	2,382	2,481	2,711 (Projected)

MnSCUs Space Utilization study identified a serious overall space deficit for Inver Hills, with deficits for teaching laboratories at 22%, open laboratories at 131%, support spaces at 84%, and physical plant at 396%. A campus-wide summary of all spaces has indicated a current deficit of 25% that will increase significantly by 2005.

The college's customized training/continuing education program served 2,287 students in 2000. Inver Hills' strategic plan anticipates increasing requirements for continuing workforce education on campus to serve 3,000 non-credit students by 2005 and 4,000 by 2010.

Project Rationale and Predesign:

This project will correct several significant deficiencies related to student services operations and networking technology training at the college, including the following:

- A 1999 facility condition assessment survey identified $425,000 of deferred maintenance in the College Center Building. All these issues will be addressed with this remodeling.
- Insufficient space is limiting the new student orientation program, compromising confidentiality for students, and limiting ease of access to services needed by students.
- Access for persons with physical disabilities has been particularly challenging because student services spaces do not meet ADA standards.

- Several business functions formerly handled by the system office have been transferred to the college in the past few years, requiring the hiring of staff and corresponding office space increases.
- An undersized bookstore requires limiting access to students during critical times due to the fire code restrictions and space limitations. The bookstore also has a drastic shortage of receiving and storage space that causes increases in staffing.
- The college's customized/continuing education program has grown from a small operation at its inception to a highly successful operation this year. Unfortunately, space limitations are constraining growth and creating image and quality problems.

The project will involve improvements in the following programs:

- **The Student Services Center** will create a one-stop center in a single, efficient location for all student services -- career assessment and development, admissions, registration, counseling, financial aid, business office, services for students at risk, and customized training/continuing education. Student services are currently spread all throughout the campus, making it unnecessarily confusing for a first time student to register. Currently counselors are sharing offices, hampering confidentiality. And one new admissions representative has had to be housed in the Counseling office because there is no space in Admissions. Inver Hills has a need to establish services for students at risk for academic failure, such as the successful TRIO student support program. However, there is currently no space to house this program needed by 300 identified at-risk students. Inver Hills estimates that retention of customized training students could increase by 50% with a co-located "one-stop student services shop", as they are the population that is the most frustrated by having to navigate the most different locations on campus in order to register.
- **Business Office** has been forced to locate in far-flung spaces, causing inefficiencies, posing security risks, and impeding the free flow of communication. Over 500 hours of staff time is lost each year to this inefficiency.
- **Bookstore, copy center/mail room/supply depot** will provide desperately needed space that is realigned to provide access to the loading dock. The remodeled space will allow this operation to provide better efficiency through sharing staff, and will save an estimated 500 to 1,000 staff hours in the receiving function. The additional space will dramatically improve the efficiency with which students purchase their texts in the bookstore, and will provide wheelchair access. Lack of space in the mail room/copy center prevents the college from installing modern equipment that would reduce costs.
- **Physical Plant Services** operates at a 376% deficit according to the MnSCU Space Utilization study, and is one-quarter the size of its national peers with similar sized student bodies. Some staff are currently located in unfinished closets. In addition, the college is not able to take advantage of volume discounts due to lack of dock and storage space. The physical plant/loading dock will be expanded. A new, more efficient central cooling plant will be constructed adjoining the mechanical room in the Instructional Building to serve the campus on a loop. The campus is currently cooled by two 31-year-old direct expansion air-cooled chillers and nine air-cooled condensing units located in four separate buildings on campus. Project would include: new chillers, cooling tower, pumps, and electrical service upgrade. Existing mechanical equipment will be removed.
- **A front door** and help desk will be created for the campus to greet visitors in a welcoming customer-focused manner with ready access to all services.

A predesign was completed by in August 2001 using college operating funds, and was reviewed by MnSCU. A separate engineering study was completed for the centralized chiller plant expansion portion of this project.

IMPACT ON STATE AGENCY OPERATING BUDGETS (FACILITIES NOTE):

The operating budget will increase approximately $5.10 per square foot when the project completes or $66,000. Staffing will increase 8 FTE for a total of $183,500: 1 customized training student services support, 1 accountant, 3 support staff, 2.5 shipping clerks and 1.5 general maintenance and repair workers. Partnerships such as Cisco have resulted in over $800,000 in donated equipment.

The project will be designed with sustainable approaches to reduce energy costs, to simplify cleaning and maintenance, and to meet MnSCUs design standards.

OTHER CONSIDERATIONS:

Site Selection Alternatives:
The proposed addition to the College Center is the only site that will align with an existing access road to bring visitors to the "front door" of the college and will allow for the location of these programs near existing food service facilities.

Plan to Seek Nonstate Funding for Internet Technology Training Center:
The college has strategically focused on developing as a center of excellence in internet technologies since 1997. Partnerships have been formed with Cicso, Microsoft, Oracle, Sun Microsystems, Fortis, Goodrich, Northwest Airlines, Qwest, Wells Fargo and West Group. Over 500 incumbent workers have been trained in the past 3 years. If successful in identifying nonstate sources to fund it, the college plans to add a third floor to this construction project to house an expanded Internet Technology Training Center that would allow the students served to double, as well as freeing up precious classroom space for traditional degree program instruction.

Consequences of Delayed Funding:
If this project is not funded:

- A coordinated, efficient student services program will be delayed because contiguous space to achieve this concept is not available on campus.

- Bookstore and copy center will fail to adequately serve the campus community.
- Physical plant services will operate inefficiently in substandard and grossly limited space.
- ADA, indoor air quality and other code issues will not be addressed, resulting in potentially higher utility costs and lost work time.

Additionally, the college will be forced to curtail growth in its customized training/ continuing education program and opportunities to create partnerships will be lost. Customized training/continuing education will continue to compete with traditional academic programs for technology education space that is in short supply, and area businesses will have their training needs go unmet due to lack of adequate specialized technology training space.

PROJECT CONTACT PERSON, TITLE, ADDRESS, PHONE, FAX, AND E-MAIL:

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Inver Hills Community College
2500 E 80th Street,
Inver Grove Heights, MN 55076
Phone: 651/450-8641
Fax: 651/450-8679
E-mail: cfrank@inverhills.mnscu.edu

Dollars in Thousands ($137,500 = $138)

TOTAL PROJECT COSTS All Years and All Funding Sources	Project Costs All Prior Years	Project Costs FY 2002-03	Project Costs FY 2004-05	Project Costs FY 2006-07	Project Costs All Years	Project Start (Month/Year)	Project Finish (Month/Year)
1. Property Acquisition							
Land, Land Easements, Options	$0	$0	$0	$0	$0		
Land and Buildings	0	0	0	0	0		
2. Predesign Fees	30	0	0	0	30	11/2000	10/2001
3. Design Fees							
Schematic	0	65	0	0	65	08/2002	02/2003
Design Development	0	75	0	0	75	03/2003	09/2003
Contract Documents	0	160	0	0	160	10/2003	03/2004
Construction Administration	0	95	0	0	95	02/2004	09/2004
4. Project Management						02/2004	11/2005
State Staff Project Management	0	0	0	0	0		
Non-State Project Management	0	105	19	0	124		
Commissioning	0	0	16	0	16		
Other Costs	0	0	0	0	0		
5. Construction Costs						09/2004	11/2005
Site & Building Preparation	0	0	110	0	110		
Demolition/Decommissioning	0	0	90	0	90		
Construction	0	0	4,168	0	4,168		
Infrastructure/Roads/Utilities	0	0	33	0	33		
Hazardous Material Abatement	0	0	0	0	0		
Construction Contingency	0	0	208	0	208		
Other Costs	0	0	0	0	0		
6. One Percent for Art	0	0	42	0	42		
7. Relocation Expenses	0	0	0	0	0		
8. Occupancy						03/2005	11/2005
Furniture, Fixtures and Equipment	0	0	213	0	213		
Telecommunications (voice & data)	0	0	220	0	220		
Security Equipment	0	0	45	0	45		
Other Costs	0	0	0	0	0		
SUBTOTAL: (items 1 – 8)	30	500	5,164	0	5,694		
9. Inflation							
Midpoint of Construction			04/2005				
Inflation Multiplier		0.00%	16.20%	0.00%			
Inflation Cost		0	837	0	837		
GRAND TOTAL	$30	$500	$6,001	$0	$6,531		

Dollars in Thousands ($137,500 = $138)

CAPITAL FUNDING SOURCES	Prior Years	FY 2002-03	FY 2004-05	FY 2006-07	TOTAL
State Funds :					
G.O Bonds/State Bldgs	0	500	6,000	0	6,500
State Funds Subtotal	0	500	6,000	0	6,500
Agency Operating Budget Funds	30	0	0	0	30
Federal Funds	0	0	0	0	0
Local Government Funds	0	0	0	0	0
Private Funds	0	0	0	0	0
Other	0	0	0	0	0
TOTAL	**30**	**500**	**6,000**	**0**	**6,530**

CHANGES IN STATE OPERATING COSTS	Changes in State Operating Costs (Without Inflation)			
	FY 2002-03	FY 2004-05	FY 2006-07	FY 2008-09
Compensation -- Program and Building Operation	0	0	567	567
Other Program Related Expenses	0	0	26	26
Building Operating Expenses	0	0	122	122
Building Repair and Replacement Expenses	0	0	5	5
State-Owned Lease Expenses	0	0	0	0
Nonstate-Owned Lease Expenses	0	0	0	0
Expenditure Subtotal	0	0	720	720
Revenue Offsets	0	0	<166>	<166>
TOTAL CHANGES	0	0	554	554
Change in F.T.E. Personnel	0.0	0.0	8.0	8.0

SOURCE OF FUNDS FOR DEBT SERVICE PAYMENTS (for bond-financed projects only)	Amount	Percent of Total
General Fund	335	67.0%
User Financing	165	33.0%

STATUTORY AND OTHER REQUIREMENTS Project applicants should be aware that the following requirements will apply to their projects after adoption of the bonding bill.	
Yes	MS 16B.335 (1a): Construction/Major Remodeling Review (by Legislature)
No	MS 16B.335 (1b): Project Exempt From This Review (by Legislature)
No	MS 16B.335 (2): Other Projects (require legislative notification)
Yes	MS 16B.335 (3): Predesign Review Required (by Administration Dept)
Yes	MS 16B.335 (4): Energy Conservation Requirements
Yes	MS 16B.335 (5): Information Technology Review (by Office of Technology)
Yes	MS 16A.695: Public Ownership Required (as per Finance Dept.)
No	MS 16A.695: Use Agreement Required (as per Finance Dept)
No	MS 16A.695: Program Funding Review Required (by granting agency)
Yes	Matching Funds Required (as per agency request)
Yes	Project Cancellation in 2007 (as per Finance Dept)

Department of Administration Analysis:

- I found the Strategic Planning and Systemwide presentations to be concise, in complete compliance with the agencies long-range format with a programmed balance that has been unmatched in recent years on state agency submittals.

- The premise of MnSCU to emphasize community, enrollment and science into their requests is paramount throughout the individual presentations. The fact to utilize a balance of requested bonded monies with asset preservation and operating funds to modify existing facilities to meet long-range goals speaks highly of the thought placed into this entire thesis.

- My compliments for a job well done!

- There is perhaps greater substantiated data listed in the individual requests from Metro colleges versus Greater Minnesota facilities however, the premise is definitely on science and technology. One area, "IT", really will assist Greater Minnesota campuses because of the more rural infrastructure however, the request for a new Metro State University Library and Technical Center in St. Paul is adjacent to the Connect Minnesota cable infrastructure that could expand that facility's outreach to the St. Paul Network and Capitol loops, then on to Minneapolis, St. Cloud, Alexandria, Fergus Falls, and Moorhead. All are within a reach of that potential infrastructure. What potential!

- Likewise, there are comments on ranges of costs and to make it clear I realize there are asset preservation monies being applied to a multitude of these projects and therefore take my comments as more of a "check and balance" not, a directive!

- This request is for design fees and at 8% it is on the lower side of the spectrum. The occupancy costs for 2004 are within range but get it designed first!

Department of Finance Analysis:

In June 1998 the MnSCU Board adopted seven principles that were to guide their capital budget development process. These principles led to a four-point order of priority fro the 2002-03 capital program: 1) Life Safety and Asset Preservation 2) Program Enhancement 3) Facility Revitalization Replacement, and 4) Cooperative Ventures.

The MNSCU System has established a scoring system, similar to DOFs scoring system, to review and score each capital request. Up to 360 points are possible.

STATEWIDE STRATEGIC SCORE		
Criteria	**Values**	**Points**
Critical Life Safety Emergency - Existing Hazards	0/700	0
Critical Legal Liability - Existing Liability	0/700	0
Prior Binding Commitment	0/700	0
Strategic Linkage - Agency Six Year Plan	0/40/80/120	0
Safety/Code Concerns	0/35/70/105	35
Customer Service/Statewide Significance	0/35/70/105	35
Agency Priority	0/25/50/75/100	25
User and Non-State Financing	0-100	33
State Asset Management	0/20/40/60	20
State Operating Savings or Operating Efficiencies	0/20/40/60	0
Contained in State Six-Year Planning Estimates	0/25/50	0
Total	700 Maximum	148

These scores should reflect the degree to which the project meets the principles and order of priorities. Projects were grouped into tiers (i.e. every project with more than 200 points was put in the first tier).

The strategic planning summary also notes the five criteria established by the legislature in the past bonding bill for prioritizing higher education bonding requests.

Governor's Recommendation:

The Governor does not recommend capital funding for this request.

University of Minnesota

AGENCY CAPITAL BUDGET REQUEST
Fiscal Years 2002-2007
Dollars in Thousands ($137,500 = $138)

Projects Summary

Project Title	2002 Agency Priority Ranking	Agency Project Requests for State Funds ($ by Session)				Statewide Strategic Score	Governor's Recommendations 2002	Governor's Planning Estimate	
		2002	2004	2006	Total			2004	2006
Systemwide - HEAPR	1	$80,000	$80,000	$80,000	$240,000	470	$35,000	$35,000	$35,000
St. Paul - Plant Growth Facilities, Phase II	2	18,700	0	0	18,700	428	3,400	14,300	0
Duluth - Laboratory Science Building	3	25,500	0	0	25,500	288	25,500	0	0
Minneapolis - Nicholson Hall	4	24,000	0	0	24,000	298	10,000	0	0
Minneapolis - Mineral Resources Research Center	5	18,400	0	0	18,400	298	0	0	0
Systemwide - Classroom Improvements	6	4,000	4,000	1,500	9,500	213	4,000	0	0
Minneapolis - Translational Research Facility	7	37,000	0	0	37,000	233	0	0	0
Crookston - Bede Hall Replacement	8	7,701	0	0	7,701	313	7,701	0	0
Morris - Social Science Building & Sprinklers	9	9,000	0	0	9,000	213	0	0	0
Minneapolis - Teaching & Technology Center	10	3,000	0	0	3,000	213	0	0	0
Statewide - Research & Outreach Centers	11	3,000	3,000	3,000	9,000	248	0	0	0
Minneapolis - Northrop Auditorium	12	2,000	10,000	0	12,000	248	0	0	0
Minneapolis - Teaching and Technology Center		0	42,000	0	42,000		0	0	0
Minneapolis - Folwell Hall		0	27,000	0	27,000		0	0	0
St. Paul - North Project		0	24,000	0	24,000		0	0	0
Minneapolis - AHC Precinct Plan Phase I		0	20,000	0	20,000		0	0	0
Minneapolis - Lind Hall Renovation		0	18,000	0	18,000		0	0	0
Duluth - Kirby Plaza Project		0	12,000	0	12,000		0	0	0
Crookston - Academic Program Improvement I		0	4,500	0	4,500		0	0	0
Morris - Academic Program Improvements I		0	3,000	0	3,000		0	0	0
Minneapolis - Pillsbury Hall Design		0	1,000	0	1,000		0	0	0
Minneapolis - AHC Precinct Plan Phase II		0	0	52,500	52,500		0	0	0
Minneapolis - Tate Laboratory of Physics I		0	0	21,000	21,000		0	0	0
Duluth - Bulldog Sports Center		0	0	16,751	16,751		0	0	0
St. Paul - Food Science & Nutrition		0	0	15,000	15,000		0	0	0
Minneapolis - Pillsbury Hall		0	0	15,000	15,000		0	0	0
Minneapolis - Peik Hall		0	0	12,000	12,000		0	0	0
Minneapolis - Scott Hall		0	0	12,000	12,000		0	0	0
Duluth - Chemistry / Life Science Vacated Space		0	0	9,000	9,000		0	0	0
Crookston - Academic Program Improvements II		0	0	6,000	6,000		0	0	0
Morris - Academic Program Improvements II		0	0	4,500	4,500		0	0	0
St. Paul - Plant Science Teaching & Outreach		0	0	4,000	4,000		0	0	0
Total Project Requests		$232,301	$248,500	$252,251	$733,052		$85,601	$49,300	$35,000

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AGENCY MISSION STATEMENT:

The statutory mission of the University of Minnesota is to "offer undergraduate, graduate, and professional instruction through the doctoral degree, and be the primary state-supported academic agency for research and extension services" (M.S. 135A.052, subd. 1).

The University of Minnesota, founded in the belief that all people are enriched by understanding, is dedicated to the creation of knowledge and the advancement of learning and artistic activity; to the sharing of this knowledge through education for a diverse community; and to the application of this knowledge to benefit the people of the state, the nation, and the world. The University's mission is three-fold:

Research and Discovery. Generate and preserve knowledge, understanding, and creativity by conducting high quality research, scholarship, and artistic activity that benefits students, scholars, and communities across the state, the nation, and the world.

Teaching and Learning. Share that knowledge, understanding, and creativity by providing a broad range of educational programs, in a strong and diverse community of learners and teachers, and prepare a graduate, professional and undergraduate student body for active roles in a multiracial and multicultural world.

Outreach and Public Service. Extend, apply, and exchange knowledge between the University and society by applying scholarly expertise to community problems, by assisting organizations and individuals to respond to their changing environments, and by making the knowledge and resources created and preserved here accessible to the citizens of the state, the nation, and the world.

Organization

As a comprehensive, research land-grant institution, the University of Minnesota carries out its mission on four campuses, at one collaborative center, and through numerous statewide outreach centers.

The University of Minnesota awards approximately 10,000 degrees per year, making it one of the leading degree granting institutions in the nation. Recruiting students who are prepared and motivated to take best advantage of the University's programs and maintaining access to these programs for all such students, regardless of their financial circumstances, are two of the most important University objectives.

The University plays a critical role in the state's economy and is a major stimulus of both economic activity and long-term development. The University of Minnesota, Twin Cities, is one of the nation's top 30 universities in any ranking of public and private universities. Only 17 states can boast a top-30 university, and only 12 support such a comprehensive public university. In terms of population, Minnesota is the smallest state to support one of these institutions. A recent study conducted by a national higher education research center named the U of M - Twin Cities one of the top three public research universities in the country.

Through its outreach and public service programs, the University makes the knowledge and information generated by the faculty available to the state and its citizens in ways that go beyond the formalized instruction of its teaching and learning activities. The individual and collective actions of dozens of campuses, colleges and centers, as well as the University's outreach activities address significant aspects of the state's economy, cultural and community development, and quality of life.

TRENDS, POLICIES AND OTHER ISSUES AFFECTING THE DEMAND FOR SERVICES, FACILITIES, OR CAPITAL PROGRAMS:

For over 150 years the 'U' has met the changing needs of Minnesota's citizens, businesses, farmers, and public institutions. Minnesota's long-term interests are best served by an institution capable of offering quality instructional programs, supporting productive research in a wide variety of fields and reaching out to communities on issues of local importance. As a large, comprehensive, research institution a wide variety of factors impact the University's demand for facilities and capital programs. The three issues most relevant to the 2002 capital request are outlined below:

- Aging and Obsolete Facilities – Approximately 65% of the University's major campus buildings are more than 30 years old (More than 25% are over 70 years old). Buildings become less functional and require more maintenance as they age.

- Promising New Discoveries – The University must continually renew its existing programs and make targeted investments in emerging fields to meet state needs and remain competitive. High quality programs, for example, allow the University to compete at the national level for federal science and health initiatives funds (e.g. National Institutes of Health).

- Increased Student Expectations – The facilities currently being used by undergraduate programs are in some of the University's oldest buildings and often lack the necessary technological and programmatic components required to effectively teach at the university level.

DESCRIBE THE AGENCY'S LONG-RANGE STRATEGIC GOALS IN RELATION TO CAPITAL REQUESTS:

The University of Minnesota's capital plan is based on the following three strategic goals.

Renewing the Campus
Facilities play a critical role in the operation of a university. Buildings are more than architectural boxes; they are tools for accomplishing educational and research objectives. Like all tools, however, buildings eventually wear out. Building components, such as roofs and mechanical systems, age and eventually need to be replaced. Changes in technology, building codes, and user requirements combine to make buildings functionally obsolete.

The 2002 Capital Request reflects an increased focus on the University's existing facilities. Renewing the Campus is an approach to facility stewardship that places the emphasis on "taking care of what we have". The University's capital plan incorporates three primary strategies for addressing campus renewal: total building renovation and replacement, individual building-system improvements (e.g. roofs, sprinklers, and mechanical systems), and infrastructure upgrades (e.g. chilled water and electrical distribution).

Investing in the Future
In the past five years, Minnesota has made significant progress in rebuilding its competitive position. The new faculty and facilities supporting the University's strategic investments in digital technology, new media, design, agriculture, and molecular and cellular biology have resulted in new opportunities for students, discoveries, increased grant funding, and partnerships with industry. For the University to continue this positive momentum and for the state to obtain the maximum benefit from these recent investments, attention must remained focused on existing priorities.

The 2002 capital request supports existing programmatic initiatives in three areas:

Life Sciences — The University's focus on Life Sciences emphasizes teaching, discovery, and application. Through the molecular and cellular biology initiative the U has made significant progress towards modernizing both its teaching (e.g. Morris Science Building) and research (e.g. Microbial and Plant Genomics) facilities. The majority of the University's recent investments in the life sciences, however, have been focused on strengthening the basic science programs in human, animal, and plant biology. While the University will continue its efforts to strengthen basic-science oriented programs, the next phase of the life sciences initiative will focus on developing programs that translate basic research discoveries into real-world applications for improving human health.

Technology — New technology offers potential for unprecedented social and economic change. The University is poised to capitalize on the most recent developments in digital technology, biomedical engineering, nanotechnology, materials research, visualization, and environmental biophysics. Modern facilities and equipment are required to support the University's programmatic investments in these technically demanding, high-growth fields.

Education — Understanding and improving how people learn is an important component of the University's mission. If Minnesota is to meet the educational challenges posed by a more complex, diverse society, it must strengthen partnerships between educators, researchers, and policymakers at all levels.

Enhancing the Undergraduate Experience
The competition for good students, nationwide, is fierce. The best Minnesota students know they are highly sought after and have high expectations for the universities that they chose to attend. Students demand smaller classes, more access to the senior faculty, international opportunities, state-of-the-art teaching laboratories, and access to cutting edge computer technology. But students demand more than academic excellence. On-campus housing, athletic and cultural events, student-run organizations, and recreational activities all contribute to a sense of community, while promoting student development.

The 2002 Capital Request supports the University's goal of providing its students with "the full university experience". The University is committed to providing all students with a high quality education and access to the unique resources of this great and diverse research institution. A strong University community extends learning beyond the classroom, promoting the informal interaction needed for innovation and creating thinking.

The following table shows the relation between the University's strategic goals and its capital request.

	Renewing the Campus	Investing in the Future	Undergraduate Experience
HEAPR	●		●
Plant Growth	●	●	●
Lab Science		●	●
Nicholson	●		●
MRRC	●	●	
Classrooms	●		●
TRF		●	
Bede	●		●
Social Science	●		●
T & T		●	●
ROCs		●	
Northrop	●		●

PROVIDE A SELF-ASSESSMENT OF THE CONDITION, SUITABILITY, AND FUNCTIONALITY OF PRESENT FACILITIES, CAPITAL PROJECTS, OR ASSETS:

The University of Minnesota takes its facilities stewardship responsibilities seriously. There is a continual effort on each campus to keep buildings clean and in good repair. As buildings age and programs evolve, it becomes necessary to invest additional resources to keep a building functional and operating. Recognizing the importance of "taking care of what we have", the University recently embarked on a Facilities Condition Assessment that will survey, document and analyze all systems and conditions within University buildings. The assessment will include HVAC, elevators, electrical systems, code issues and other building conditions. It will expand on a similar effort done in recent years on building exteriors - roofs, walls and windows. The Facilities Condition Assessment will better define necessary work on campus and help the University plan and prioritize projects. The $80 million request for HEAPR funds is a primary component of this increased focus on improving existing facilities.

Programmatic-based facility deficiencies, particularly related to classrooms, science laboratories, and technology infrastructure are also reflected in the University's emphasis on campus renewal. The University's request is heavily weighted toward renovation of existing facilities. Jones Hall, Plant Growth, Nicholson Hall, Minerals Resource Research Center, Classroom Improvements, and the Morris Social Sciences & Sprinklers projects involve renovating and modernizing existing University facilities. Roughly 70% of the University's request is dedicated to renovating or replacing existing facilities.

The capacity and condition of campus infrastructure remains a critical concern. The infrastructure of a University campus is a critical component of the physical and operational systems necessary to support the much more visible teaching, research and outreach mission. Individual buildings depend upon campus infrastructure to deliver heating, cooling, communications, electricity and water. In portions of the campus the existing buildings have stretched the service capacity of the infrastructure to the maximum limits; while in other areas, buildings are being fed by aging, obsolete services from near the turn of the century. In these areas, any new construction, significant remodeling or expansion of existing services will require a corresponding increase in infrastructure capacity.

AGENCY PROCESS USED TO ARRIVE AT THESE CAPITAL REQUESTS:

The University of Minnesota's annual Capital Budget and Six-Year Capital Improvements Program is a method of providing for disciplined financial management. This decision making process: 1) supports the University's desire to focus on its mission; 2) follows the Regents' directive to make the most efficient use of limited resources; and 3) ensures compliance with the state's Capital Budget Reform legislation.

The Capital Budgeting Process consists of the following steps:

Need Identification/Preliminary Ranking - Academic units, Auxiliary Services, Facilities Management, Campus Planning, Environmental Health and Safety and other University groups identify capital needs. The Provost, Chancellors, and Vice Presidents rank these needs.

Project Definition and Prioritization - A predesign study, including a needs analysis, a preliminary facility program, cost estimates, and an implementation schedule, is prepared for each project and is evaluated against academic priorities, the campus master plan, and code requirements.

Annual Budget Approval/Program Acceptance - The senior administrative officers forward a recommendation to the Regents. The Regents approve the annual Capital Budget, including Capital Request items, and accept the 5-year Capital Improvement Program.

The University's capital budget calendar is synchronized with the biennial budgeting process in the state legislature.

The legislature requested (Minnesota Statutes section 135A.034) that the board of regents of the University of Minnesota consider the following criteria in establishing priorities for requests for bond funds for capital projects:

- maintenance and preservation of existing facilities;
- completion of projects that have received funding;
- updating facilities to meet contemporary needs;
- providing geographic distribution of capital projects;
- maximizing the use of non-state contributions.

The University's response to this request is outlined below.

	Maint. & Preserv.	Previous Funding	Renewal for Program	Geog. Distrib.	Non-State Contribution
HEAPR	●		●	Statewide	
Plant Growth		●	●	St. Paul	
Lab Science				Duluth	●
Nicholson	●		●	Mpls.	
MRRC	●		●	Mpls.	●
Classrooms	●		●	Statewide	
TRF				Mpls.	●
Bede			●	Crookston	
Social Science	●		●	Morris	
T & T				Mpls.	
ROCs			●	Statewide	
Northrop	●		●	Mpls.	Future

AGENCY CAPITAL BUDGET PROJECTS DURING THE LAST SIX YEARS (1996-2001):

Capital projects funded with legislative appropriations in the last six years are listed below. Non-legislative contributions to these projects are also listed.

1996 Appropriation
Architecture Renovation: $9,707
Haecker Hall Renovation: $12,000
HEAPR: $12,000
Hockey & Tennis Facility: $10,000 (+1,762 private +8,250 University)
Minnesota Library Access Center: $41,200 (+5,150 University)
Molecular & Cellular Therapeutics Lab Remodeling: $3,000
Systemwide Classroom Renewal: $6,200
UMC Controlled Environmental Science Facility: $2,800
UMC Roadway Connection: $250
UMM Humanities Fine Arts Renewal: $2,300

1998 Appropriation
Amundson Hall Addition: $1,250 (+3,350 private)
Architecture Addition: $14,600 (+1,400 private +4,542 University) *
Art Building Replacement Design: $730
Cloquet Forestry Center Dormitory Remodeling: $800
Digital Infrastructure: $1,000
Folwell Hall Renovation Design: $690
Ford Hall Renovation: $9,900 *
Grand Rapids Administration Building Addition: $300 (+399 University)
Greenhouse Renovation and Replacement Design: $900
HEAPR: $4,000
Horticulture Research Center Addition: $700 (+610 University)
Molecular & Cellular Biology Building: $35,000 *
Morris & Waseca Swine Research Facilities: $2,600
Murphy Hall Renovation: $9,000 *
Peters Hall Renovation: $7,461
Snyder/Gortner Biology Labs Remodeling: $4,000 c
UMC Early Child Development Center: $1,384
UMC Kiehle Building Renovation & Addition Design: $180
UMC Knutson Hall Remodeling: $730
UMC Owen Hall Remodeling: $693
UMC UTOC Addition: $993
UMD Academic Space Renovation Design: $200
UMD Glensheen Repairs: $600
UMD Library: $23,730 (+2,150 University)
UMM Science & Mathematics Addition: $30,920 (+2,500 private)
Walter Digital Technology Center: $55,970
Women's Athletic Fields and Facilities: $3,000 (+1,840 private +1,200 University)

* Financed with University debt as part of the University's 1/3 obligation.

2000 Appropriation
Art Building: $18,500 (+ 8,000 private, +15,000 University)
HEAPR: $9,000
Microbial & Plant Genomics: $10,000 (+10,000 private)
Molecular & Cellular Biology Building II: $35,000 (+9,427 University)
Plant Growth – Phase I: $5,963
Research & Outreach Centers: $1,150
UMC Kiehle Hall: $6,500
UMD Music Performance: $6,100 (+658 private, +2,483 University)

2002 STATE APPROPRIATION REQUEST: $80,000,000

AGENCY PROJECT PRIORITY: 1 of 12

PROJECT LOCATION: Twin Cities, Crookston, Duluth, Morris & Itasca

SUMMARY

- Health and Safety funds are used by the University to meet its basic obligation of providing a safe, accessible environment for students, employees and visitors.
- Replacing building components like roofs, elevators, chillers, windows, and mechanical systems extends the useful life of existing facilities.
- The investment in district cooling infrastructure reduces the risk to research caused by aging and unreliable climate control equipment by replacing obsolete individual units with a centralized cooling system.

PROJECT DESCRIPTION:

HEAPR funds will be used system-wide to maximize and extend the life of the University's existing physical plant. Individual projects will fall into one of four broad categories:

- **Health, Safety and Accessibility** – *$14.6 million* – These funds will continue the system-wide program to correct fire and life safety code deficiencies identified by the Building Code Deficiency Survey, to increase accessibility to all University facilities for people with physical disabilities and to reduce health hazards by eliminating or correcting environmental problems within buildings.
- **Building Systems** – *$29.7 million* – These funds will be used to address renewal issues in existing University facilities. Individual projects will target roofs, building envelopes, interiors, electrical, and mechanical systems.
- **Utility Infrastructure** – *$27.5 million* – These funds will primarily be used to replace aging, obsolete stand-alone cooling equipment with more efficient, energy saving centralized systems. Other utility infrastructure renewal projects will address aging campus heating and electrical distribution systems.
- **Whole Building Renewal** – *$8.2 million* – These funds will be used to completely renovate Jones Hall, a 100-year-old structure in the historic Knoll District of the Minneapolis Campus. The project will correct all physical and code deficiencies, remodel the interior to accommodate offices and seminar rooms for existing programs, and modernize building systems, while preserving the historic building exterior.

A complete list of proposed projects is available upon request.

Project Rationale: The University's capital budget principles emphasize investment in existing facilities to extend their useful life and to ensure the health, safety, and well being of their occupants. All projects included in this HEAPR request are consistent with those principles and will improve the University's facilities in support of strategic goals. All projects are also consistent with the statutory definition of HEAPR (Minnesota Statutes 135A.046) which includes "code compliance, including health and safety, Americans with Disabilities Act requirements, hazardous material abatement, access improvements, or air quality improvement; building or infrastructure repairs necessary to preserve the interior and exterior of existing buildings; or renewal to support the existing programmatic mission of the campuses". Individual projects have been identified through the University's capital planning process, and were prioritized according to established criteria.

There is a critical need to address the replacement of building cooling equipment. Cooling systems that have already exceeded their design life by anywhere from five to 15 years are on the verge of failure. The inability to reliably control building temperature puts millions of dollars of research and research funding at risk. The University has determined that it is more efficient to replace the existing chilling units located in individual buildings with a centralized facility and distribution system. In this public utility model, economies of scale result in lower overall demand, and fewer units to maintain.

Jones Hall is an integral part of the Knoll District, a portion of campus listed on the National Register of Historic Places. In addition to making better use of an existing facility, the Jones Hall renovation will facilitate the future renovation of Folwell Hall by providing space for two relocated College of Liberal Arts (CLA) departments. The Jones Hall renovation supports the Undergraduate Initiative by providing additional classrooms for the freshman seminar program proposed to be centered in the adjacent Nicholson Hall.

IMPACT ON STATE AGENCY OPERATING BUDGETS (FACILITIES NOTE):

Health, Safety and Accessibility and Building Systems improvements will have a negligible impact on the University's operating budget.

The University expects to realize long-term savings from the investment in centralized cooling systems. Replacing obsolete individual chilling units with a centralized cooling facility will result in a 25% to 30% decrease in total system capacity requirements. Savings at the operating level will occur as buildings are

tied into the central chilled water distribution system and the need for individual chillers or window air conditioners is eliminated. A $40,000 savings is projected in the first year of operation. As more buildings are added to the system, operational savings will increase accordingly. Savings of $385,000 per year are expected within five years and $430,000 within 10 years.

The estimated operating cost increase for Jones Hall is $113,000 annually. The increased cost of operating and maintaining more sophisticated building systems and technology in the renovated facility will exceed the savings from improved energy efficiency. The provision of ventilation and air conditioning is the most significant cause for the increase.

No additional University of Minnesota faculty or program staff will result directly from these projects.

The estimated annual repair and replacement cost for all HEAPR projects is $2.2 million. This amount is equivalent to the annual depreciation cost of specific building components such as windows, roofs, walls, interiors, mechanical, plumbing, and electrical systems.

OTHER CONSIDERATIONS:

Jones Hall is a candidate for Design – Build.

PROJECT CONTACT PERSON, TITLE, ADDRESS, PHONE, FAX, AND E-MAIL:

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DETAILED PROJECT LIST BY CATEGORY
(dollars in thousands)

HEALTH, SAFETY & ACCESSIBILITY

Campus	Project	Est. $
Crookston	Emergency Generators	140
Crookston	Fire Alarm Upgrades - Owen	25
Crookston	Fire Alarm Upgrades - SCC	25
Crookston	Campus ADA Improvements	60
Duluth	Building Separations	500
Duluth	Fieldhouse Fire Exit Enclosures	60
Duluth	Fire Alarm System - School of Medicine	50
Duluth	Fuel Tank Deficiencies	50
Duluth	Asbestos Floor Tile Replacement – CINA	75
Duluth	IAQ Improvements - MPAC	60
Duluth	IAQ Improvements – SpHC	100
Duluth	Water Quality / Runoff Projects – Landcare	300
Duluth	Elevator – Lund	125
Minneapolis	Sprinkler installation	500
Minneapolis	Social Science - sprinkler, alarm & corridor	4,000
Minneapolis	Moos Tower / PWB Lab Ventilation	225
Minneapolis	ADA Accommodation Projects	100
Minneapolis	Scott Hall restroom upgrades	75
Minneapolis	WBOB power doors	100
Minneapolis	Basic Science/Mayo/Boynton power doors	50
Minneapolis	Fraser Hall elevator & restroom upgrade	500
Minneapolis	Washington Ave. Footbridges	4,000
Morris	Sprinkler Project - Food Service Building	160
Morris	Access Improvements - Camden	100
St. Paul	Vet Teaching Hospital - fire systems	1,000
St. Paul	Hodson Hall Recirculation	800
St. Paul	Raptor Center Ventilation	200
St. Paul	Lab Air Recirculation - Christensen	100
System	Emergency - Hazardous Materials	340
System	Emergency - Asbestos Projects	340
System	Emergency - IAQ Projects	500
	Sub-Total	14,660

UTILITY INFRASTRUCTURE

Campus	Project	Est. $
Crookston	Redundant Power Supply	70
Crookston	Watermain - Phase II	250
Duluth	Chilled Water System Conversions	1,000
Duluth	Ordean Court Plaza Re-Surface	150
Minneapolis	Chilled Water - Minneapolis Campus	1,845
Morris	Chilled Water - PE Center / Rec Ctr.	150
St. Paul	Chilled Water - St. Paul: Plant / Pipe	20,000
St. Paul	Electrical - Substations	4,000
	Sub-Total	**24,465**

WHOLE BUILDING

Campus	Project	Est. $
Minneapolis	Whole Building - Jones	8,200
	Sub-Total	**8,200**

BUILDING SYSTEMS

Campus	Project	Est. $
System	Itasca - Washroom Replcmnt & Improvmnts	500
Crookston	Exterior Wall Repair - Dowell Hall	250
Crookston	Window Replacements - Dowell Hall	165
Crookston	Window Replacements - Dowell Annex	40
Crookston	Window Replacements - Hill Hall	125
Crookston	Roof Replacements - Dowell Annex	25
Crookston	Roof Replacements - Heating Plant	40
Crookston	Roof Replacements - Hill Hall	45
Duluth	Boiler Replacement - NRRI	250
Duluth	Floor Replacement - Campus Center	125
Duluth	Roof Replacement - SpHC	900
Duluth	Roofs / Windows / Walls	1,000
Minneapolis	Wells - CME	400
Minneapolis	Waterproofing - Kolthoff Plaza	650
Minneapolis	Waterproofing - EE Plaza	400
Minneapolis	Waterproofing - Wulling	520
Minneapolis	Waterproofing - Cooke	130
Minneapolis	Waterproofing - Humphrey Planters	2,855
Minneapolis	Waterproofing - Mayo	125
Minneapolis	Elevator - Masonic (2)	300
Minneapolis	Elevator - Anderson (2)	300
Minneapolis	Elevator - Elliot (1)	150
Minneapolis	Elevator - Bierman (1)	150
Minneapolis	Roof Replacement - Unit F	875
Minneapolis	Roof Replacement - Moos	2,400
Minneapolis	Roof Replacement - PWB	1,885
Minneapolis	Roof Replacement - WBOB	800
Minneapolis	Roof Replacement - EECS	1,275
Minneapolis	Roof Replacement - Burton	580
Minneapolis	Roof Replacement - Armory	600
Minneapolis	Windows - Science Classroom	310
Minneapolis	Windows - Scott	460
Minneapolis	Windows - Akerman	650
Minneapolis	Masonry / Siding - Super Computer	3,250
Minneapolis	Masonry / Siding - PWB	720
Minneapolis	Masonry / Siding - EECS	315
Minneapolis	Masonry / Siding - Pattee	225
Minneapolis	Masonry / Siding - Peik Gym	350
Minneapolis	Masonry / Siding - Field House	3,000
Morris	Campus Electrical Upgrades	100
Morris	Masonry Restoration - Camden	475
Morris	Roof and siding for LeFavre	50
Morris	Roof Replacement-PE Center	700
St. Paul	Waterproofing - VoTech	400
St. Paul	Waterproofing - Coffey	260
St. Paul	Windows - Stakeman	550
	Sub-Total	**29,675**

AGENCY CAPITAL BUDGET REQUEST
Fiscal Years 2002-2007
Dollars in Thousands ($137,500 = $138)

TOTAL PROJECT COSTS All Years and All Funding Sources	Project Costs All Prior Years	Project Costs FY 2002-03	Project Costs FY 2004-05	Project Costs FY 2006-07	Project Costs All Years	Project Start (Month/Year)	Project Finish (Month/Year)
1. Property Acquisition						08/2002	01/2003
Land, Land Easements, Options	$0	$0	$0	$0	$0		
Land and Buildings	0	100	0	0	100		
2. Predesign Fees	100	0	0	0	100		
3. Design Fees							
Schematic	0	940	0	0	940	08/2002	09/2002
Design Development	0	1,250	0	0	1,250	10/2002	01/2003
Contract Documents	0	2,810	0	0	2,810	02/2003	06/2003
Construction Administration	0	1,250	0	0	1,250	09/2002	10/2004
4. Project Management						08/2002	09/2004
State Staff Project Management	0	0	0	0	0		
Non-State Project Management	0	2,700	0	0	2,700		
Commissioning	0	100	0	0	100		
Other Costs	0	0	0	0	0		
5. Construction Costs						09/2003	08/2004
Site & Building Preparation	0	1,500	0	0	1,500		
Demolition/Decommissioning	0	0	0	0	0		
Construction	0	61,490	0	0	61,490		
Infrastructure/Roads/Utilities	0	850	0	0	850		
Hazardous Material Abatement	0	500	0	0	500		
Construction Contingency	0	5,600	0	0	5,600		
Other Costs	0	0	80,000	80,000	160,000		
6. One Percent for Art	0	40	0	0	40		
7. Relocation Expenses	0	70	0	0	70	07/2004	08/2004
8. Occupancy						07/2004	09/2004
Furniture, Fixtures and Equipment	0	600	0	0	600		
Telecommunications (voice & data)	0	100	0	0	100		
Security Equipment	0	100	0	0	100		
Other Costs	0	0	0	0	0		
SUBTOTAL: (items 1 – 8)	100	80,000	80,000	80,000	240,100		
9. Inflation							
Midpoint of Construction							
Inflation Multiplier		0.00%	0.00%	0.00%			
Inflation Cost		0	0	0	0		
GRAND TOTAL	$100	$80,000	$80,000	$80,000	$240,100		

Dollars in Thousands ($137,500 = $138)

CAPITAL FUNDING SOURCES	Prior Years	FY 2002-03	FY 2004-05	FY 2006-07	TOTAL
State Funds :					
G.O Bonds/State Bldgs	0	80,000	80,000	80,000	240,000
State Funds Subtotal	0	80,000	80,000	80,000	240,000
Agency Operating Budget Funds	0	0	0	0	0
Federal Funds	0	0	0	0	0
Local Government Funds	0	0	0	0	0
Private Funds	0	0	0	0	0
Other	100	0	0	0	100
TOTAL	**100**	**80,000**	**80,000**	**80,000**	**240,100**

CHANGES IN STATE OPERATING COSTS	Changes in State Operating Costs (Without Inflation)			
	FY 2002-03	FY 2004-05	FY 2006-07	FY 2008-09
Compensation -- Program and Building Operation	0	53	106	106
Other Program Related Expenses	0	0	0	0
Building Operating Expenses	0	60	121	121
Building Repair and Replacement Expenses	0	1,120	2,240	2,240
State-Owned Lease Expenses	0	0	0	0
Nonstate-Owned Lease Expenses	0	0	0	0
Expenditure Subtotal	0	1,233	2,467	2,467
Revenue Offsets	0	0	0	0
TOTAL CHANGES	0	1,233	2,467	2,467
Change in F.T.E. Personnel	0.0	0.4	0.9	0.9

SOURCE OF FUNDS FOR DEBT SERVICE PAYMENTS (for bond-financed projects only)	Amount	Percent of Total
General Fund	80,000	100.0%
User Financing	0	0.0%

STATUTORY AND OTHER REQUIREMENTS Project applicants should be aware that the following requirements will apply to their projects after adoption of the bonding bill.	
Yes	MS 16B.335 (1a): Construction/Major Remodeling Review (by Legislature)
No	MS 16B.335 (1b): Project Exempt From This Review (by Legislature)
No	MS 16B.335 (2): Other Projects (require legislative notification)
Yes	MS 16B.335 (3): Predesign Review Required (by Administration Dept)
Yes	MS 16B.335 (4): Energy Conservation Requirements
No	MS 16B.335 (5): Information Technology Review (by Office of Technology)
Yes	MS 16A.695: Public Ownership Required (as per Finance Dept.)
No	MS 16A.695: Use Agreement Required (as per Finance Dept)
No	MS 16A.695: Program Funding Review Required (by granting agency)
No	Matching Funds Required (as per agency request)
Yes	Project Cancellation in 2007 (as per Finance Dept)

Department of Administration Analysis:

Admin policy is to support the appropriation of funds for asset preservation as a means of ensuring appropriate stewardship of current state owned facilities.

Department of Finance Analysis:

In the 2000 capital request, the University requested $16 million for HEAPR and was appropriated $9 million. At that time, the University projected their HEAPR request to be $25 million in 2002. This request in 2002 is for $80 million, a 500% increase over the previous biennium's request. Individual HEAPR projects are listed, but the narrative does not discuss what has prompted the University to increase this part of their request so drastically.

It is clear that asset preservation remains a focus of the University's request, but it is not clear that the University can accommodate that rapid of an acceleration of projects. DRAFT University construction planning documents (those available in November 2001) indicate that most of the individual HEAPR projects still need to be designed, and construction would not begin for most until spring of 2003 and be completed in the summer of 2004.

In estimating their operating costs for their HEAPR projects, the University has properly included their budgeted R & R costs.

Under the "Project Costs" section, the amount the University has listed in "All Prior Years" is the amount of their funds they have spent on predesign for these projects. The University received $9 million in the 2000 bonding bill for HEAPR.

Governor's Recommendation:

The Governor recommends general obligation bonding of $35 million for this request as part of his statewide asset preservation and facility repair initiative. Also included are budget planning estimates of $35 million in 2004 and $35 million in 2006.

To encourage rapid expenditure of these capital funds for immediate economic stimulus, the Governor recommends a sunset date of 6-30-2004 for the 2002 appropriation. Any portion of these funds not spent or contractually obligated by that date should be cancelled.

STATEWIDE STRATEGIC SCORE		
Criteria	**Values**	**Points**
Critical Life Safety Emergency - Existing Hazards	0/700	0
Critical Legal Liability - Existing Liability	0/700	0
Prior Binding Commitment	0/700	0
Strategic Linkage - Agency Six Year Plan	0/40/80/120	120
Safety/Code Concerns	0/35/70/105	70
Customer Service/Statewide Significance	0/35/70/105	70
Agency Priority	0/25/50/75/100	100
User and Non-State Financing	0-100	0
State Asset Management	0/20/40/60	60
State Operating Savings or Operating Efficiencies	0/20/40/60	0
Contained in State Six-Year Planning Estimates	0/25/50	50
Total	700 Maximum	470

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2002 STATE APPROPRIATION REQUEST: $18,700,000

AGENCY PROJECT PRIORITY: 2 of 12

PROJECT LOCATION: St. Paul Campus

SUMMARY:

- U of M is an internationally recognized leader in plant agriculture, floriculture and horticulture; industries that generate $2.5 billion in Minnesota exports annually.
- Plant biologists at the U of M are exploring new solutions to agricultural production, new remedies for human and animal diseases, and new strategies for environmental conservation.
- The Plant Growth Facilities are one of three Biology / Life Science Initiative components included in the 2002 capital request.

PROJECT DESCRIPTION:

This request is for funds to upgrade the plant growth facilities on the St. Paul Campus to support both teaching and research activities of the University of Minnesota. The project consists of four components:

- Demolition of the deteriorated 1920s-era Northwest Greenhouses
- Replacement of antiquated plant growth facilities whose renovation costs would exceed the cost of new construction
- Renovation of existing greenhouses to bring them into compliance with current state laws regulating pesticide and fertilizer use
- Construction of transgenic/high clearance research greenhouse

Phase 1 of this project - the quarantine facility and containment headhouse - was funded by the legislature in the 2000 session. Phase 2 completes the project as requested in the 2000 legislative session.

Project Rationale: To maintain its reputation as an international leader in plant biology, the University of Minnesota will intensify its commitment to plant research and education, a critical component of both Molecular and Cellular Biology and Microbial and Plant Genomics. The revolution in biological sciences has stimulated interdisciplinary exploration of new solutions to worldwide food production, plant-based remedies for human and animal diseases, and innovative methods of environmental conservation. Plant research will continue to support Minnesota's agricultural and horticultural industries, which account for 17% of the state's annual industrial output and 26% of its jobs. The benefits of plant research also extend to the fields of natural resources, medicine, and health.

Greenhouses and supporting plant growth facilities are essential to the teaching and research needs of approximately 1,500 undergraduate students, 120 graduate students, and 115 faculty members in the colleges of Agricultural, Food, and Environmental Science; Biological Sciences; and Natural Resources. The proposed renovation and replacement of plant growth facilities on the St. Paul campus is needed for the following reasons:

- Demand for undergraduate teaching and outreach education, particularly in the College of Agricultural, Food, and Environmental Sciences, has increased in response to Council on Liberal Education (CLE) requirements.
- Much of the complex is functionally obsolete, lacking environmental controls (light, temperature, humidity, air quality) that are essential to supporting contemporary plant research. Approximately 20% of the current greenhouse space was constructed in the 1920s. The structures have deteriorated to a point that renovation is not feasible.
- All St. Paul greenhouses are out of compliance with current state laws regulating pesticide and fertilizer use (M.S. 18b.01 and 18C.005). Although not a direct threat to occupants, the deficiencies represent potential risks of soil and groundwater contamination, and must be addressed through appropriate collection and disposal of greenhouse runoff.
- Existing greenhouse facilities are inefficient in the use of both energy and space. The new and renovated facilities will be designed and managed to maximize efficiency of space utilization and flexibility for multi-disciplinary use. The efficiency gains will be achieved by constructing more, smaller growth chambers capable of maintaining isolation barriers between multiple experiments.

IMPACT ON STATE AGENCY OPERATING BUDGETS (FACILITIES NOTE):

The estimated operating cost increase for the Plant Growth Facilities is $351,000 annually. The increase will occur because the cost of operating and maintaining more sophisticated technology, growth lighting, environmental controls, and irrigation systems will exceed the savings from improved energy efficiency.

No additional University of Minnesota faculty or program staff will result directly from this project.

The estimated annual repair and replacement cost for this project is $520,000. This amount is equivalent to the annual depreciation cost of specific building components such as windows, roofs, walls, interiors, mechanical, plumbing, and electrical systems.

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University of Minnesota
St. Paul - Plant Growth Facilities, Phase II

AGENCY CAPITAL BUDGET REQUEST
Fiscal Years 2002-2007
Dollars in Thousands ($137,500 = $138)

Project Cost

TOTAL PROJECT COSTS All Years and All Funding Sources	**Project Costs** All Prior Years	**Project Costs** FY 2002-03	**Project Costs** FY 2004-05	**Project Costs** FY 2006-07	**Project Costs** All Years	**Project Start** (Month/Year)	**Project Finish** (Month/Year)
1. Property Acquisition							
Land, Land Easements, Options	$0	$0	$0	$0	$0		
Land and Buildings	10	0	0	0	10		
2. Predesign Fees	105	0	0	0	105		
3. Design Fees							
Schematic	285	0	0	0	285		
Design Development	380	0	0	0	380		
Contract Documents	855	0	0	0	855		
Construction Administration	110	290	0	0	400	09/2002	10/2003
4. Project Management						09/2002	10/2003
State Staff Project Management	0	0	0	0	0		
Non-State Project Management	108	388	0	0	496		
Commissioning	25	70	0	0	95		
Other Costs	0	0	0	0	0		
5. Construction Costs						09/2002	08/2003
Site & Building Preparation	230	260	0	0	490		
Demolition/Decommissioning	0	630	0	0	630		
Construction	4,235	14,000	0	0	18,235		
Infrastructure/Roads/Utilities	125	290	0	0	415		
Hazardous Material Abatement	0	200	0	0	200		
Construction Contingency	215	700	0	0	915		
Other Costs	0	0	0	0	0		
6. One Percent for Art	42	137	0	0	179		
7. Relocation Expenses	15	40	0	0	55	07/2003	08/2003
8. Occupancy						07/2003	09/2003
Furniture, Fixtures and Equipment	165	318	0	0	483		
Telecommunications (voice & data)	40	126	0	0	166		
Security Equipment	8	0	0	0	8		
Other Costs	15	44	0	0	59		
SUBTOTAL: (items 1 – 8)	6,968	17,493	0	0	24,461		
9. Inflation							
Midpoint of Construction		03/2003					
Inflation Multiplier		6.90%	0.00%	0.00%			
Inflation Cost		1,207	0	0	1,207		
GRAND TOTAL	$6,968	$18,700	$0	$0	$25,668		

Dollars in Thousands ($137,500 = $138)

CAPITAL FUNDING SOURCES	Prior Years	FY 2002-03	FY 2004-05	FY 2006-07	TOTAL
State Funds :					
G.O Bonds/State Bldgs	6,863	18,700	0	0	25,563
State Funds Subtotal	6,863	18,700	0	0	25,563
Agency Operating Budget Funds	0	0	0	0	0
Federal Funds	0	0	0	0	0
Local Government Funds	0	0	0	0	0
Private Funds	0	0	0	0	0
Other	105	0	0	0	105
TOTAL	**6,968**	**18,700**	**0**	**0**	**25,668**

CHANGES IN STATE OPERATING COSTS	Changes in State Operating Costs (Without Inflation)			
	FY 2002-03	FY 2004-05	FY 2006-07	FY 2008-09
Compensation -- Program and Building Operation	0	328	328	328
Other Program Related Expenses	0	0	0	0
Building Operating Expenses	0	375	375	375
Building Repair and Replacement Expenses	0	524	524	524
State-Owned Lease Expenses	0	0	0	0
Nonstate-Owned Lease Expenses	0	0	0	0
Expenditure Subtotal	0	1,227	1,227	1,227
Revenue Offsets	0	0	0	0
TOTAL CHANGES	0	1,227	1,227	1,227
Change in F.T.E. Personnel	0.0	2.8	2.8	2.8

PREVIOUS STATE CAPITAL APPROPRIATIONS FOR THIS PROJECT (Legal Citations) Laws of Minnesota (year), Chapter, Section, Subdivision	Amount
Laws of 2000 Chapter 492, Article 1, Section 2, Subd. 4(b)	5,963
Laws of 1998 Chapter 404, Section 2, Subd.4(b)	900
TOTAL	**6,863**

SOURCE OF FUNDS FOR DEBT SERVICE PAYMENTS (for bond-financed projects only)	Amount	Percent of Total
General Fund	12,473	66.7%
User Financing	6,227	33.3%

STATUTORY AND OTHER REQUIREMENTS
Project applicants should be aware that the following requirements will apply to their projects after adoption of the bonding bill.

Yes	MS 16B.335 (1a): Construction/Major Remodeling Review (by Legislature)
No	MS 16B.335 (1b): Project Exempt From This Review (by Legislature)
No	MS 16B.335 (2): Other Projects (require legislative notification)
Yes	MS 16B.335 (3): Predesign Review Required (by Administration Dept)
Yes	MS 16B.335 (4): Energy Conservation Requirements
No	MS 16B.335 (5): Information Technology Review (by Office of Technology)
Yes	MS 16A.695: Public Ownership Required (as per Finance Dept.)
No	MS 16A.695: Use Agreement Required (as per Finance Dept)
No	MS 16A.695: Program Funding Review Required (by granting agency)
No	Matching Funds Required (as per agency request)
Yes	Project Cancellation in 2007 (as per Finance Dept)

Department of Administration Analysis:

There is not adequate information available to differentiate between the costs of the various phases and building components. The applicant should provide additional cost data for each portion of the request.

Department of Finance Analysis:

This project will support the University's Molecular and Cellular Biology Program and their Plant Genomics Program, two of the University's five targeted academic disciplines.

This project will increase the University's operating costs $1.2 million per biennium and add 2.8 permanent FTEs to the University's budget. Of these costs, $524,000 is for the budgeted R & R costs of this project.

Phase 1 of this project is just beginning construction in November 2001, though it was planned to have started construction in July of 2000 and to have been completed in August of 2001, according to the University's 2000 capital budget request. Though the University and the Department of Agriculture have a management contract in place, the ability of the Department of Agriculture to absorb their share of the operating costs for Phase 1 continues to be a concern.

As part of the University's 2000 capital budget request, funds for what is now both Phase 1 and Phase 2 were requested. The total request at that time was for $17.1 million, and $5.963 million was appropriated. The request for Phase 2 is now $18.7 million.

Governor's Recommendation:

The Governor recommends $3.4 million for construction of the new containment greenhouse and demolition of the northwest greenhouses. Also included are budget planning estimates of $14.3 million in 2004 for the remaining project components. This appropriation is from general obligation bonding, contingent upon a one-third debt service payment by the University.

STATEWIDE STRATEGIC SCORE		
Criteria	**Values**	**Points**
Critical Life Safety Emergency - Existing Hazards	0/700	0
Critical Legal Liability - Existing Liability	0/700	0
Prior Binding Commitment	0/700	0
Strategic Linkage - Agency Six Year Plan	0/40/80/120	120
Safety/Code Concerns	0/35/70/105	35
Customer Service/Statewide Significance	0/35/70/105	70
Agency Priority	0/25/50/75/100	100
User and Non-State Financing	0-100	33
State Asset Management	0/20/40/60	20
State Operating Savings or Operating Efficiencies	0/20/40/60	0
Contained in State Six-Year Planning Estimates	0/25/50	50
Total	700 Maximum	428

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2002 STATE APPROPRIATION REQUEST: $25,500,000

AGENCY PROJECT PRIORITY: 3 of 12

PROJECT LOCATION: Duluth Campus

SUMMARY:

- Improved lab facilities will allow more students from the College of Science and Engineering to conduct research with faculty through the Undergraduate Research Opportunities Program (UROP). Participation in this very popular program has increased 350% in the past 10 years.

- Naturtek, a start-up company formed through the University's partnership with Minnesota Power/Allete and Potlatch Corporation, and Apprise, a recently formed optical sensor development firm, are the direct result of laboratory research by UMD chemistry faculty.

- An external donor is providing $7.5 million of the $33 million total project cost. This donation is the largest gift ever received by the University of Minnesota, Duluth.

- The Laboratory Science Building is one of three Biology / Life Science Initiative components included in the 2002 capital request.

PROJECT DESCRIPTION:

This request is for funds to construct, furnish and equip the Laboratory Science Building at the Duluth Campus to meet the needs of the chemistry and biology programs. The building will include instructional, research and computer laboratory facilities as well as student study space.

Project Rationale: The University of Minnesota Duluth's strategic focus on freshwater ecology and large lake issues make it unique in the country. As one of only thirty Sea Grant Colleges in the United States, UMD scientists conduct research on a wide variety of water related topics. Faculty and students from the UMD's College of Science and Engineering work closely with researchers from UMD's Large Lakes Observatory, Natural Resources Research Institute, and Center for Freshwater Research and Policy on topics ranging from exotic aquatic species in the Lake Superior ecosystem to improving sewage treatment practices in Minnesota's lake communities.

At the core of UMD's water resource and other academic initiatives are the basic sciences of biology and chemistry. As experimentally based disciplines, competitive teaching and research programs in these fields require modern, well-equipped laboratories. Existing facilities on the Duluth Campus, however, are no longer able to meet the needs of either the chemistry or biology programs for the following reasons.

- *Student demand* – The College of Science and Engineering (CSE) is the third largest undergraduate college in the University of Minnesota system, and the largest college at UMD. The high demand for chemistry and biology courses is the result of both new programs in Cell Biology and Biochemistry/Molecular Biology targeted at meeting the changing needs of employers and a general increase in the number of students interested in the sciences. Existing facilities, built to meets the needs of a campus half of the current size, are simply inadequate. With teaching labs already fully utilized five days and four nights a week, the college has been forced to limit enrollment.

- *New faculty hires and research programs* – The University's focus on molecular and cell biology has resulted in new faculty hires and the establishment of new research programs. The Duluth Campus has been successful in building teaching and research initiatives in the fields of natural resources, the environment, and freshwater studies. College of Science and Engineering faculty now generate more than $5 million dollars a year in sponsored research funds. Additional space is required to house these successful and growing programs.

- *Obsolete facilities* – Chemistry and biology have changed dramatically since the construction of the existing Chemistry (1948) and Life Science (1968) buildings. The Chemistry building is 50 years old and its laboratories are not able to support current teaching and research programs. Likewise, the Life Science building was designed to accommodate the more traditional areas of zoology and botany and not the more laboratory intensive fields of molecular and cellular biology. Building assessments indicate that renovating the existing buildings to meet current laboratory building code and program requirements is not cost effective. The vacated space is, however, suitable for less laboratory-intensive teaching and research activities.

IMPACT ON STATE AGENCY OPERATING BUDGETS (FACILITIES NOTE):

The addition of approximately 89,000 GSF of new teaching and research space to the Duluth Campus will increase the University's operating costs by an estimated $1 million per year.

The Laboratory Science Building will require 16 new positions (five post-doctoral fellows, 10 graduate research assistants and a laboratory coordinator) totaling $425,000 annually. Funding for these positions will come from future research grant revenue and campus resources.

The estimated annual repair and replacement cost for this project is $924,000. This amount is equivalent to the annual depreciation cost of specific building components such as windows, roofs, walls, interiors, mechanical, plumbing and electrical systems.

PROJECT CONTACT PERSON, TITLE, ADDRESS, PHONE, FAX, AND E-MAIL:

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University of Minnesota
Duluth - Laboratory Science Building

AGENCY CAPITAL BUDGET REQUEST
Fiscal Years 2002-2007
Dollars in Thousands ($137,500 = $138)

Project Cost

TOTAL PROJECT COSTS All Years and All Funding Sources	**Project Costs** All Prior Years	**Project Costs** FY 2002-03	**Project Costs** FY 2004-05	**Project Costs** FY 2006-07	**Project Costs** All Years	**Project Start** (Month/Year)	**Project Finish** (Month/Year)
1. Property Acquisition						02/2001	05/2001
Land, Land Easements, Options	$0	$0	$0	$0	$0		
Land and Buildings	0	5	0	0	5		
2. Predesign Fees	90	0	0	0	90		
3. Design Fees							
Schematic	0	390	0	0	390	02/2001	05/2001
Design Development	0	520	0	0	520	06/2001	09/2001
Contract Documents	0	1,165	0	0	1,165	10/2001	05/2002
Construction Administration	0	520	0	0	520	08/2002	08/2004
4. Project Management						02/2001	08/2004
State Staff Project Management	0	0	0	0	0		
Non-State Project Management	0	780	0	0	780		
Commissioning	0	80	0	0	80		
Other Costs	0	0	0	0	0		
5. Construction Costs						08/2002	07/2004
Site & Building Preparation	0	1,690	0	0	1,690		
Demolition/Decommissioning	0	0	0	0	0		
Construction	0	20,300	0	0	20,300		
Infrastructure/Roads/Utilities	0	500	0	0	500		
Hazardous Material Abatement	0	10	0	0	10		
Construction Contingency	0	1,000	0	0	1,000		
Other Costs	0	0	0	0	0		
6. One Percent for Art	0	211	0	0	211		
7. Relocation Expenses	0	60	0	0	60	06/2004	07/2004
8. Occupancy						06/2004	08/2004
Furniture, Fixtures and Equipment	0	2,075	0	0	2,075		
Telecommunications (voice & data)	0	1,000	0	0	1,000		
Security Equipment	0	50	0	0	50		
Other Costs	0	3	0	0	3		
SUBTOTAL: (items 1 – 8)	90	30,359	0	0	30,449		
9. Inflation							
Midpoint of Construction		08/2003					
Inflation Multiplier		8.70%	0.00%	0.00%			
Inflation Cost		2,641	0	0	2,641		
GRAND TOTAL	$90	$33,000	$0	$0	$33,090		

Dollars in Thousands ($137,500 = $138)

CAPITAL FUNDING SOURCES	Prior Years	FY 2002-03	FY 2004-05	FY 2006-07	TOTAL
State Funds :					
G.O Bonds/State Bldgs	0	25,500	0	0	25,500
State Funds Subtotal	0	25,500	0	0	25,500
Agency Operating Budget Funds	0	0	0	0	0
Federal Funds	0	0	0	0	0
Local Government Funds	0	0	0	0	0
Private Funds	0	7,500	0	0	7,500
Other	90	0	0	0	90
TOTAL	**90**	**33,000**	**0**	**0**	**33,090**

CHANGES IN STATE OPERATING COSTS	Changes in State Operating Costs (Without Inflation)			
	FY 2002-03	FY 2004-05	FY 2006-07	FY 2008-09
Compensation -- Program and Building Operation	0	906	1,812	1,812
Other Program Related Expenses	0	0	0	0
Building Operating Expenses	0	538	1,077	1,077
Building Repair and Replacement Expenses	0	462	924	924
State-Owned Lease Expenses	0	0	0	0
Nonstate-Owned Lease Expenses	0	0	0	0
Expenditure Subtotal	0	1,906	3,813	3,813
Revenue Offsets	0	0	0	0
Other Offsets	0	<435>	<870>	<870>
TOTAL CHANGES	0	1,471	2,943	2,943
Change in F.T.E. Personnel	0.0	12.0	24.0	24.0

SOURCE OF FUNDS FOR DEBT SERVICE PAYMENTS (for bond-financed projects only)	Amount	Percent of Total
General Fund	22,007	86.3%
User Financing	3,493	13.7%

STATUTORY AND OTHER REQUIREMENTS Project applicants should be aware that the following requirements will apply to their projects after adoption of the bonding bill.	
Yes	MS 16B.335 (1a): Construction/Major Remodeling Review (by Legislature)
No	MS 16B.335 (1b): Project Exempt From This Review (by Legislature)
No	MS 16B.335 (2): Other Projects (require legislative notification)
Yes	MS 16B.335 (3): Predesign Review Required (by Administration Dept)
Yes	MS 16B.335 (4): Energy Conservation Requirements
No	MS 16B.335 (5): Information Technology Review (by Office of Technology)
Yes	MS 16A.695: Public Ownership Required (as per Finance Dept.)
No	MS 16A.695: Use Agreement Required (as per Finance Dept)
No	MS 16A.695: Program Funding Review Required (by granting agency)
Yes	Matching Funds Required (as per agency request)
Yes	Project Cancellation in 2007 (as per Finance Dept)

Department of Administration Analysis:

Admin supports the leveraging of private funding and particularly the extent that is achieved for this request. These funds allowed the design work to commence prior to the request for construction from the state.

Department of Finance Analysis:

An external donor has committed $7.5 million to support the capital costs of this project, which the University is suggesting should replace part of the traditional one-third debt service requirement. The donor is also providing additional financial support for this program by funding scholarships for low income or high achieving undergraduate students.

This project would support the University's undergraduate chemistry and biology programs, which are not identified as one of the University's five targeted areas for growth, though they are often prerequisites for other academic disciplines identified as University priorities.

Design documents are already completed for this project, and construction is planned to begin in the summer of 2002. Operating costs for this project will result in an increase of $2.9 million per biennium, and 24 new FTEs. Of these costs, $924,000 is for the R & R costs the University has budgeted for the new facility. Part of the operating costs will be offset by research grant dollars and funds pledged by a private donor.

Under the "Project Costs" section, the amount the University has listed in "All Prior Years" is the amount of their funds they have spent on predesign for these projects.

Governor's Recommendation:

The Governor recommends general obligation bonding of $25.5 million, contingent upon the University paying debt service on $3.5 million. It is also contingent upon the University matching this project with at least $7.5 million from non-state sources.

STATEWIDE STRATEGIC SCORE		
Criteria	**Values**	**Points**
Critical Life Safety Emergency - Existing Hazards	0/700	0
Critical Legal Liability - Existing Liability	0/700	0
Prior Binding Commitment	0/700	0
Strategic Linkage - Agency Six Year Plan	0/40/80/120	40
Safety/Code Concerns	0/35/70/105	0
Customer Service/Statewide Significance	0/35/70/105	70
Agency Priority	0/25/50/75/100	100
User and Non-State Financing	0-100	33
State Asset Management	0/20/40/60	20
State Operating Savings or Operating Efficiencies	0/20/40/60	0
Contained in State Six-Year Planning Estimates	0/25/50	25
Total	700 Maximum	288

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2002 STATE APPROPRIATION REQUEST: $24,000,000

AGENCY PROJECT PRIORITY: 4 of 12

PROJECT LOCATION: Minneapolis Campus

SUMMARY

- First-year students will use Nicholson Hall for at least two or three classes — foreign language, freshman composition, or an optional freshman seminar.
- Students will enjoy improved access to general-purpose computer labs, College of Liberal Arts student advising offices, the Writing Center, and the Language Center—to be located for the first time in a single, central campus location.
- The renovation of Nicholson Hall renews a historic building in a central campus location and supports the University of Minnesota's goal of 'Enhancing the Undergraduate Experience'.

PROJECT DESCRIPTION:

This request is for funds to design, renovate, furnish and equip Nicholson Hall, a 110 year old building located in the historic Knoll District of the Minneapolis Campus. The project will completely renovate the original portion of the building and demolish a non-historic wing (1925) and an obsolete auditorium (1946).

Project Rationale: The Nicholson Hall renovation will serve all undergraduate students but is primarily focused on improving the experience of freshmen and other first- year students. The renovated facility will serve as a learning center for freshmen and include computer labs, 24 technology-rich classrooms, a language center, a writing center, student study space, and advising services.

Nicholson's central campus location makes it an ideal site for classrooms and student support facilities. The renovated facility will bring the following programs together in once facility:

- *The Freshman Seminars Program*: Freshman seminars are small, discussion-based classes of approximately 15 people that provide first-year students an opportunity for challenging, in-depth study with a distinguished faculty member.
- *The Language Center:* More than 6,000 students each year use computer applications at the Language Center to study one of 45 languages offered at the University. The 1,200 Minnesota K-12 foreign language and ESL teachers who use this service each year will also benefit from the expanded and modernized facility.
- *The Writing Center*: Each year the Student Writing Center conducts over 4,500 tutoring sessions to help students become better writers.
- *CLA Student Advising*: Academic advisers help students recognize interests and abilities, focus on key decisions, and develop plans for completing their degree programs.

Renovating Nicholson Hall supports the University's goal of making the most productive and efficient use of its existing facilities. No major investments have been made in Nicholson Hall since the addition of the auditorium in 1946. If the building is to remain useable and capable of meeting today's programmatic requirements, there are a number of significant facility renewal items that must be addressed.

A 1997 building viability study concluded that the building should be retained. This report noted the following deficiencies:

- *Building Systems* – The building's basic infrastructure dates back to the turn of the century. The central steam heating components are all original, the building lacks both central air and ventilation systems, the electrical system is at capacity and there are no provisions for electronic technology. The building is not ADA compliant. The third floor is currently vacant, having been closed by the Building Code Official.
- *Structural / Building Envelope* – The roof, windows and exterior doors need to be replaced. Water damaged portions of the basement need to be repaired. The structural supports for the second and third floors need to be replaced.
- *Environmental Health* – A significant area of the basement has already been vacated due to mold contamination. Pipe insulation, floor tiles and other building materials contain asbestos and that there is lead paint throughout the building.

IMPACT ON STATE AGENCY OPERATING BUDGETS (FACILITIES NOTE):

The estimated operating cost increase for Nicholson Hall is $271,000 annually. The increased cost of operating and maintaining more sophisticated building systems and technology in the renovated facility will exceed the savings from improved energy efficiency. The provision of ventilation and air conditioning is the most significant cause for the increase.

No additional University of Minnesota faculty or program staff will result directly from this project.

The estimated annual repair and replacement cost for this project is $672,000. This amount is equivalent to the annual depreciation cost of specific building components such as windows, roofs, walls, interiors, mechanical, plumbing and electrical systems.

OTHER CONSIDERATIONS:

Nicholson Hall is a candidate for Design – Build.

PROJECT CONTACT PERSON, TITLE, ADDRESS, PHONE, FAX, AND E-MAIL:

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University of Minnesota
Minneapolis - Nicholson Hall

AGENCY CAPITAL BUDGET REQUEST
Fiscal Years 2002-2007
Dollars in Thousands ($137,500 = $138)

Project Cost

TOTAL PROJECT COSTS All Years and All Funding Sources	**Project Costs** All Prior Years	**Project Costs** FY 2002-03	**Project Costs** FY 2004-05	**Project Costs** FY 2006-07	**Project Costs** All Years	**Project Start** (Month/Year)	**Project Finish** (Month/Year)
1. Property Acquisition						08/2002	09/2002
Land, Land Easements, Options	$0	$0	$0	$0	$0		
Land and Buildings	0	20	0	0	20		
2. Predesign Fees	10	0	0	0	10		
3. Design Fees							
Schematic	0	220	0	0	220	08/2002	10/2002
Design Development	0	290	0	0	290	11/2002	02/2003
Contract Documents	0	650	0	0	650	03/2003	07/2003
Construction Administration	0	290	0	0	290	10/2003	02/2005
4. Project Management						08/2002	02/2005
State Staff Project Management	0	0	0	0	0		
Non-State Project Management	0	500	0	0	500		
Commissioning	0	0	0	0	0		
Other Costs	0	0	0	0	0		
5. Construction Costs						10/2003	01/2005
Site & Building Preparation	0	220	0	0	220		
Demolition/Decommissioning	0	350	0	0	350		
Construction	0	13,800	0	0	13,800		
Infrastructure/Roads/Utilities	0	990	0	0	990		
Hazardous Material Abatement	0	330	0	0	330		
Construction Contingency	0	1,170	0	0	1,170		
Other Costs	0	0	0	0	0		
6. One Percent for Art	0	129	0	0	129		
7. Relocation Expenses	0	270	0	0	270	12/2004	01/2005
8. Occupancy						12/2004	02/2005
Furniture, Fixtures and Equipment	0	2,015	0	0	2,015		
Telecommunications (voice & data)	0	130	0	0	130		
Security Equipment	0	15	0	0	15		
Other Costs	0	40	0	0	40		
SUBTOTAL: (items 1 – 8)	10	21,429	0	0	21,439		
9. Inflation							
Midpoint of Construction		05/2004					
Inflation Multiplier		12.00%	0.00%	0.00%			
Inflation Cost		2,571	0	0	2,571		
GRAND TOTAL	$10	$24,000	$0	$0	$24,010		

Dollars in Thousands ($137,500 = $138)

CAPITAL FUNDING SOURCES	Prior Years	FY 2002-03	FY 2004-05	FY 2006-07	TOTAL
State Funds :					
G.O Bonds/State Bldgs	0	24,000	0	0	24,000
State Funds Subtotal	0	24,000	0	0	24,000
Agency Operating Budget Funds	0	0	0	0	0
Federal Funds	0	0	0	0	0
Local Government Funds	0	0	0	0	0
Private Funds	0	0	0	0	0
Other	10	0	0	0	10
TOTAL	**10**	**24,000**	**0**	**0**	**24,010**

CHANGES IN STATE OPERATING COSTS	Changes in State Operating Costs (Without Inflation)			
	FY 2002-03	FY 2004-05	FY 2006-07	FY 2008-09
Compensation -- Program and Building Operation	0	63	253	253
Other Program Related Expenses	0	0	0	0
Building Operating Expenses	0	72	290	290
Building Repair and Replacement Expenses	0	168	672	672
State-Owned Lease Expenses	0	0	0	0
Nonstate-Owned Lease Expenses	0	0	0	0
Expenditure Subtotal	0	303	1,215	1,215
Revenue Offsets	0	0	0	0
TOTAL CHANGES	0	303	1,215	1,215
Change in F.T.E. Personnel	0.0	0.5	2.2	2.2

SOURCE OF FUNDS FOR DEBT SERVICE PAYMENTS (for bond-financed projects only)	Amount	Percent of Total
General Fund	16,008	66.7%
User Financing	7,992	33.3%

STATUTORY AND OTHER REQUIREMENTS Project applicants should be aware that the following requirements will apply to their projects after adoption of the bonding bill.	
Yes	MS 16B.335 (1a): Construction/Major Remodeling Review (by Legislature)
No	MS 16B.335 (1b): Project Exempt From This Review (by Legislature)
No	MS 16B.335 (2): Other Projects (require legislative notification)
Yes	MS 16B.335 (3): Predesign Review Required (by Administration Dept)
Yes	MS 16B.335 (4): Energy Conservation Requirements
No	MS 16B.335 (5): Information Technology Review (by Office of Technology)
Yes	MS 16A.695: Public Ownership Required (as per Finance Dept.)
No	MS 16A.695: Use Agreement Required (as per Finance Dept)
No	MS 16A.695: Program Funding Review Required (by granting agency)
No	Matching Funds Required (as per agency request)
Yes	Project Cancellation in 2007 (as per Finance Dept)

Department of Administration Analysis:

Admin supports the reuse of current facilities for new or continued programs. The nature of the cost of the work in conjunction with demolition of obsolete portions of the existing structure would suggest that the scope is greater that that of simply renewal and should be characterized as a major remodeling project.

Department of Finance Analysis:

The renovated facility would be home to the University's Freshman Seminars Program, which has been a recent priority of the University and has received moderate additional support from the legislature. The renovation will also house other programs which have not been identified as a specific priority of the University. The narrative does not discuss whether these programs are unique to the U of M Twin Cities, or whether similar programs are also accessible within the higher education system.

Part of this project will demolish an existing wing and out-of-date auditorium.

Operating costs for the University will increase $1.2 million per biennium, and add 2.2 permanent FTEs. Of these operating costs, more than half are for the R & R budget for the remodeled building.

Design documents still need to be completed, and construction is not planned to begin until fall of 2003.

Under the "Project Costs" section, the amount the University has listed in "All Prior Years" is the amount of their funds they have spent on predesign for these projects.

Governor's Recommendation:

The Governor does not recommend full funding for this project due to concerns about the impact that expanding the freshman seminars would have on the University's operating budget. The Governor recommends a partial appropriation of $10 million for basic renewal of this building for existing programs. This appropriation is from general obligation bonding, contingent upon a one-third debt service payment by the University.

STATEWIDE STRATEGIC SCORE		
Criteria	**Values**	**Points**
Critical Life Safety Emergency - Existing Hazards	0/700	0
Critical Legal Liability - Existing Liability	0/700	0
Prior Binding Commitment	0/700	0
Strategic Linkage - Agency Six Year Plan	0/40/80/120	40
Safety/Code Concerns	0/35/70/105	70
Customer Service/Statewide Significance	0/35/70/105	35
Agency Priority	0/25/50/75/100	75
User and Non-State Financing	0-100	33
State Asset Management	0/20/40/60	20
State Operating Savings or Operating Efficiencies	0/20/40/60	0
Contained in State Six-Year Planning Estimates	0/25/50	25
Total	700 Maximum	298

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2002 STATE APPROPRIATION REQUEST: $18,400,000

AGENCY PROJECT PRIORITY: 5 of 12

PROJECT LOCATION: Minneapolis Campus

SUMMARY:

- The renovation of the Mineral Resources Research Center renews a historic building in a central campus location and provides a hub for scholars, educators, and policymakers to work on issues related to children, schools, and educational improvement.
- Faculty and staff in the College of Education and Human Development (CEHD) are improving school achievement and educational outcomes through research on pre K-12 teaching and learning. Particular areas of focus in the MRRC will include early literacy, early childhood education, assessment and accountability, and special education.
- CEHD conducts more research and outreach on behalf of children, families, and schools than any institution in the state. Current external research funding for faculty who will work in this building totals more than $4 million.

PROJECT DESCRIPTION:
This request is for funds to design, renovate, furnish and equip the Mineral Resources Research Center (MRRC), a 79-year old building in the historic Knoll District of the Minneapolis Campus. As part of the project, the building exterior will be restored, all physical and code deficiencies will be corrected, building systems will be modernized and the interior will be reconstructed to accommodate offices and research space for the College of Education and Human Development.

Project Rationale: The University's College of Education and Human Development (CEHD) is one of the premier colleges of its kind, regularly ranking in the top 15 public professional schools in the nation. Several of its teaching and research programs—three of which will be located in the MRRC—rank among the top three nationally. The renovated building will house the Department of Educational Psychology, the Center for Applied Research in Educational Improvement, and the Center for Early Education and Development. Faculty and staff in these units pursue research and outreach in critical areas including reading and literacy, special education, accountability and assessment, and early childhood education.

Historically the college has been a central link between the University and Minnesota's school districts and related community service agencies, state universities, technical and community colleges, business and industry, and human services programs. The renovated MRRC facility will serve as a center for researchers, policymakers, students, and practitioners working on issues related to children, schools, and educational improvement. These collaborations will lead to more informed decision making and development of state education policies, practices and frameworks.

The MRRC is the 'home' of taconite and an important contributing element of the Knoll District, a portion of the campus listed on the National Register of Historic Places. Renovating MRRC supports the University's goal of making the most productive and efficient use of its existing facilities and of preserving historical state assets. This project, part of the larger Knoll District restoration plan, is critical step in the plan to renovate Peik Hall into a state-of-the-art classroom facility that will be used by more than 5,000 students. The MRRC building has been vacant since 1992.

Built in 1923 as the Mines Experiment Station, this two-story industrial research building is well suited for adaptive re-use. A 1996 building assessment concluded that the building was structurally sound and should be retained. The large two-story open space designed to house production scale mining equipment provides flexibility in accommodating the college's teaching and research needs. With no major investment in the building in the past 50 years, however, there are a number of facility issues that must be addressed if MRRC is to ever be a viable academic building. All major building systems (e.g. heating, ventilation, plumbing, telecommunications) either do not exist or are obsolete and must be replaced. The building contains lead paint, asbestos and other hazardous materials, is not ADA compliant and lacks a fire sprinkler system. Both the roof and windows have reached the end of their serviceable lives and need to be replaced.

IMPACT ON STATE AGENCY OPERATING BUDGETS (FACILITIES NOTE):
The estimated operating cost increase for MRRC is $542,000 annually. MRRC is currently a vacant building with a very minimal level of service. Operating costs in the renovated facility will be comparable to other recently renovated classroom / office buildings.

The estimated annual repair and replacement cost for this project is $515,000. This amount is equivalent to the annual depreciation cost of specific building components such as windows, roofs, walls, interiors, mechanical, plumbing, and electrical systems.

OTHER CONSIDERATIONS:
Mineral Resources Research Center is a candidate for Design – Build.

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Dollars in Thousands ($137,500 = $138)

TOTAL PROJECT COSTS All Years and All Funding Sources	Project Costs All Prior Years	Project Costs FY 2002-03	Project Costs FY 2004-05	Project Costs FY 2006-07	Project Costs All Years	Project Start (Month/Year)	Project Finish (Month/Year)
1. Property Acquisition						06/2002	07/2002
Land, Land Easements, Options	$0	$0	$0	$0	$0		
Land and Buildings	0	7	0	0	7		
2. Predesign Fees	40	0	0	0	40		
3. Design Fees							
Schematic	0	185	0	0	185	07/2002	08/2002
Design Development	0	245	0	0	245	09/2002	11/2002
Contract Documents	0	555	0	0	555	12/2002	03/2003
Construction Administration	0	245	0	0	245	06/2003	08/2004
4. Project Management						06/2002	08/2004
State Staff Project Management	0	0	0	0	0		
Non-State Project Management	0	390	0	0	390		
Commissioning	0	10	0	0	10		
Other Costs	0	0	0	0	0		
5. Construction Costs						06/2003	07/2004
Site & Building Preparation	0	195	0	0	195		
Demolition/Decommissioning	0	0	0	0	0		
Construction	0	10,935	0	0	10,935		
Infrastructure/Roads/Utilities	0	615	0	0	615		
Hazardous Material Abatement	0	650	0	0	650		
Construction Contingency	0	1,080	0	0	1,080		
Other Costs	0	45	0	0	45		
6. One Percent for Art	0	101	0	0	101		
7. Relocation Expenses	0	80	0	0	80	06/2004	07/2004
8. Occupancy						06/2004	08/2004
Furniture, Fixtures and Equipment	0	1,215	0	0	1,215		
Telecommunications (voice & data)	0	135	0	0	135		
Security Equipment	0	15	0	0	15		
Other Costs	0	55	0	0	55		
SUBTOTAL: (items 1 – 8)	40	16,758	0	0	16,798		
9. Inflation							
Midpoint of Construction		11/2003					
Inflation Multiplier		9.80%	0.00%	0.00%			
Inflation Cost		1,642	0	0	1,642		
GRAND TOTAL	$40	$18,400	$0	$0	$18,440		

Dollars in Thousands ($137,500 = $138)

CAPITAL FUNDING SOURCES	Prior Years	FY 2002-03	FY 2004-05	FY 2006-07	TOTAL
State Funds :					
G.O Bonds/State Bldgs	0	18,400	0	0	18,400
General	0	0	0	0	0
State Funds Subtotal	0	18,400	0	0	18,400
Agency Operating Budget Funds	0	0	0	0	0
Federal Funds	0	0	0	0	0
Local Government Funds	0	0	0	0	0
Private Funds	0	0	0	0	0
Other	40	0	0	0	40
TOTAL	**40**	**18,400**	**0**	**0**	**18,440**

CHANGES IN STATE OPERATING COSTS	Changes in State Operating Costs (Without Inflation)			
	FY 2002-03	FY 2004-05	FY 2006-07	FY 2008-09
Compensation -- Program and Building Operation	0	253	505	505
Other Program Related Expenses	0	0	0	0
Building Operating Expenses	0	289	578	578
Building Repair and Replacement Expenses	0	258	515	515
State-Owned Lease Expenses	0	0	0	0
Nonstate-Owned Lease Expenses	0	0	0	0
Expenditure Subtotal	0	800	1,598	1,598
Revenue Offsets	0	0	0	0
TOTAL CHANGES	0	800	1,598	1,598
Change in F.T.E. Personnel	0.0	2.1	4.3	4.3

SOURCE OF FUNDS FOR DEBT SERVICE PAYMENTS (for bond-financed projects only)	Amount	Percent of Total
General Fund	12,273	66.7%
User Financing	6,127	33.3%

STATUTORY AND OTHER REQUIREMENTS Project applicants should be aware that the following requirements will apply to their projects after adoption of the bonding bill.	
Yes	MS 16B.335 (1a): Construction/Major Remodeling Review (by Legislature)
No	MS 16B.335 (1b): Project Exempt From This Review (by Legislature)
No	MS 16B.335 (2): Other Projects (require legislative notification)
Yes	MS 16B.335 (3): Predesign Review Required (by Administration Dept)
Yes	MS 16B.335 (4): Energy Conservation Requirements
No	MS 16B.335 (5): Information Technology Review (by Office of Technology)
Yes	MS 16A.695: Public Ownership Required (as per Finance Dept.)
No	MS 16A.695: Use Agreement Required (as per Finance Dept)
No	MS 16A.695: Program Funding Review Required (by granting agency)
Yes	Matching Funds Required (as per agency request)
Yes	Project Cancellation in 2007 (as per Finance Dept)

Department of Administration Analysis:

The scope and cost of the construction of the project suggest more than mere renewal but something closer to remodeling. Admin policy is to support the appropriation of funds for asset preservation as a means of ensuring appropriate stewardship of current state owned facilities. This project is combining concerns of asset preservation and code corrections with those of adaptive reuse.

Department of Finance Analysis:

The building to be renovated has been vacant since 1992. Increases in operating costs are expected to be $1.6 million per biennium, and add 4.3 permanent FTEs to the University's payroll. Of these operating costs, $515,000 per biennium would be for the R & R budget for the remodeled facility.

Documents separate from the budget request note that $2 million in fundraising will support the capital costs of this project. These funds are not separated in the capital funding sources, and at this time the source of these funds has not been identified.

The programs to be housed in the renovated building are not identified as high priority programs by the University.

The remodeled space would be for an entirely different purpose than it's most recent use, requiring major remodeling and redesign. It is not clear if it would be more cost-effective to remodel this space or rebuild on the property.

Under the "Project Costs" section, the amount the University has listed in "All Prior Years" is the amount of their funds they have spent on predesign for these projects.

Governor's Recommendation:

The Governor does not recommend funds for this project.

STATEWIDE STRATEGIC SCORE		
Criteria	**Values**	**Points**
Critical Life Safety Emergency - Existing Hazards	0/700	0
Critical Legal Liability - Existing Liability	0/700	0
Prior Binding Commitment	0/700	0
Strategic Linkage - Agency Six Year Plan	0/40/80/120	40
Safety/Code Concerns	0/35/70/105	70
Customer Service/Statewide Significance	0/35/70/105	35
Agency Priority	0/25/50/75/100	75
User and Non-State Financing	0-100	33
State Asset Management	0/20/40/60	20
State Operating Savings or Operating Efficiencies	0/20/40/60	0
Contained in State Six-Year Planning Estimates	0/25/50	25
Total	700 Maximum	298

2002 STATE APPROPRIATION REQUEST: $4,000,000

AGENCY PROJECT PRIORITY: 6 of 12

PROJECT LOCATION: Twin Cities, Crookston, Duluth & Morris Campuses

SUMMARY:

- Good lighting, comfortable seating, simple but pleasant surroundings, and up-to-date technology improve a student's ability and desire to learn.

- Students and faculty expect more than four walls and a blackboard. Prospective students, who have often had computers in their classrooms since elementary school, include the "wired" factor in their choice of college.

PROJECT DESCRIPTION:

This request is for funds to modernize approximately 45 classrooms on all four University of Minnesota campuses. Projects will focus on installing basic technology infrastructure (e.g. video projection, Internet-access), improving disability access and making basic improvements to enhance the classroom learning environment. Priority will be given to high-use undergraduate classrooms.

Project Rationale: Classrooms play an important role in the quality of a student's education. A well-designed classroom allows for more creative instruction. New teaching paradigms, which use more interactive learning opportunities like seminars, guest lectures, and small group activities, require flexible space with easy access to new-media resources.

Used effectively, technology enhances learning. The ability to access the Internet, manipulate data in real time, and hold discussions with distant experts through interactive video all expand the boundaries of a traditional lecture. Already, demand for the University's existing technology-enhanced classrooms exceeds the supply.

The University of Minnesota has made a concerted effort systemwide to improve the quality of its general-purpose classrooms. On the Twin Cities Campus, for example, the Office of Classroom Management (OCM) has in the past two years made basic improvements to 160 classrooms and has installed video projection technology in 44 classrooms. Most of the major classroom renovations on each campus, however, have been accomplished in the course of larger facility renovation projects (e.g. Ford Hall, Murphy Hall) and new building construction. Additional funds are now required to upgrade classrooms in buildings not scheduled to undergo a major renovation.

IMPACT ON STATE AGENCY OPERATING BUDGETS (FACILITIES NOTE):

This request is for funds to remodel and improve existing space. There is no annual operating cost impact.

The estimated annual repair and replacement cost for this project is $112,000. This amount is equivalent to the annual depreciation cost of specific building components such as windows, roofs, walls, interiors, mechanical, plumbing, and electrical systems.

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Dollars in Thousands ($137,500 = $138)

TOTAL PROJECT COSTS All Years and All Funding Sources	Project Costs All Prior Years	Project Costs FY 2002-03	Project Costs FY 2004-05	Project Costs FY 2006-07	Project Costs All Years	Project Start (Month/Year)	Project Finish (Month/Year)
1. Property Acquisition							
Land, Land Easements, Options	$0	$0	$0	$0	$0		
Land and Buildings	0	0	0	0	0		
2. Predesign Fees	0	0	0	0	0		
3. Design Fees							
Schematic	0	36	0	0	36	08/2002	09/2002
Design Development	0	48	0	0	48	10/2002	11/2002
Contract Documents	0	108	0	0	108	12/2002	02/2003
Construction Administration	0	28	0	0	28	05/2003	09/2003
4. Project Management						08/2002	09/2003
State Staff Project Management	0	0	0	0	0		
Non-State Project Management	0	90	0	0	90		
Commissioning	0	0	0	0	0		
Other Costs	0	0	0	0	0		
5. Construction Costs						05/2003	09/2003
Site & Building Preparation	0	0	0	0	0		
Demolition/Decommissioning	0	0	0	0	0		
Construction	0	1,695	0	0	1,695		
Infrastructure/Roads/Utilities	0	0	0	0	0		
Hazardous Material Abatement	0	350	0	0	350		
Construction Contingency	0	170	0	0	170		
Other Costs	0	0	4,000	1,500	5,500		
6. One Percent for Art	0	0	0	0	0		
7. Relocation Expenses	0	25	0	0	25	08/2003	09/2003
8. Occupancy						07/2003	10/2003
Furniture, Fixtures and Equipment	0	100	0	0	100		
Telecommunications (voice & data)	0	1,350	0	0	1,350		
Security Equipment	0	0	0	0	0		
Other Costs	0	0	0	0	0		
SUBTOTAL: (items 1 – 8)	0	4,000	4,000	1,500	9,500		
9. Inflation							
Midpoint of Construction							
Inflation Multiplier		0.00%	0.00%	0.00%			
Inflation Cost		0	0	0	0		
GRAND TOTAL	$0	$4,000	$4,000	$1,500	$9,500		

Dollars in Thousands ($137,500 = $138)

CAPITAL FUNDING SOURCES	Prior Years	FY 2002-03	FY 2004-05	FY 2006-07	TOTAL
State Funds :					
G.O Bonds/State Bldgs	0	4,000	4,000	1,500	9,500
State Funds Subtotal	0	4,000	4,000	1,500	9,500
Agency Operating Budget Funds	0	0	0	0	0
Federal Funds	0	0	0	0	0
Local Government Funds	0	0	0	0	0
Private Funds	0	0	0	0	0
Other	0	0	0	0	0
TOTAL	**0**	**4,000**	**4,000**	**1,500**	**9,500**

CHANGES IN STATE OPERATING COSTS	Changes in State Operating Costs (Without Inflation)			
	FY 2002-03	FY 2004-05	FY 2006-07	FY 2008-09
Compensation -- Program and Building Operation	0	0	0	0
Other Program Related Expenses	0	0	0	0
Building Operating Expenses	0	0	0	0
Building Repair and Replacement Expenses	0	112	112	112
State-Owned Lease Expenses	0	0	0	0
Nonstate-Owned Lease Expenses	0	0	0	0
Expenditure Subtotal	0	112	112	112
Revenue Offsets	0	0	0	0
TOTAL CHANGES	0	112	112	112
Change in F.T.E. Personnel	0.0	0.0	0.0	0.0

SOURCE OF FUNDS FOR DEBT SERVICE PAYMENTS (for bond-financed projects only)	Amount	Percent of Total
General Fund	2,680	67.0%
User Financing	1,320	33.0%

STATUTORY AND OTHER REQUIREMENTS Project applicants should be aware that the following requirements will apply to their projects after adoption of the bonding bill.	
Yes	MS 16B.335 (1a): Construction/Major Remodeling Review (by Legislature)
No	MS 16B.335 (1b): Project Exempt From This Review (by Legislature)
No	MS 16B.335 (2): Other Projects (require legislative notification)
Yes	MS 16B.335 (3): Predesign Review Required (by Administration Dept)
Yes	MS 16B.335 (4): Energy Conservation Requirements
No	MS 16B.335 (5): Information Technology Review (by Office of Technology)
Yes	MS 16A.695: Public Ownership Required (as per Finance Dept.)
No	MS 16A.695: Use Agreement Required (as per Finance Dept)
No	MS 16A.695: Program Funding Review Required (by granting agency)
No	Matching Funds Required (as per agency request)
Yes	Project Cancellation in 2007 (as per Finance Dept)

Department of Administration Analysis:

Without a predesign, is not possible to analyze the request. The inclusion of technology as a major part of the scope suggests that the cost could very well be inline.

Department of Finance Analysis:

Funds for this purpose were not requested by the University in past capital budget requests. A relatively high percentage of the costs will go to telecommunications and technology improvements. The University will need to be sure that each project has a significant renovation component, as projects strictly for telecommunications or technology are not bond eligible.

Governor's Recommendation:

The Governor recommends general obligation bonding of $4 million for this project, contingent upon a one-third debt service payment by the University.

STATEWIDE STRATEGIC SCORE		
Criteria	**Values**	**Points**
Critical Life Safety Emergency - Existing Hazards	0/700	0
Critical Legal Liability - Existing Liability	0/700	0
Prior Binding Commitment	0/700	0
Strategic Linkage - Agency Six Year Plan	0/40/80/120	40
Safety/Code Concerns	0/35/70/105	35
Customer Service/Statewide Significance	0/35/70/105	35
Agency Priority	0/25/50/75/100	50
User and Non-State Financing	0-100	33
State Asset Management	0/20/40/60	20
State Operating Savings or Operating Efficiencies	0/20/40/60	0
Contained in State Six-Year Planning Estimates	0/25/50	0
Total	700 Maximum	213

2002 STATE APPROPRIATION REQUEST: $37,000,000

AGENCY PROJECT PRIORITY: 7 of 12

PROJECT LOCATION: Minneapolis Campus

SUMMARY:

- Innovations resulting from translational research in Medicine and Pharmacy will advance new methods for improving human health in such areas as infectious diseases, Alzheimer's, AIDS, diabetes, cancer, epilepsy, organ transplantation, and drug delivery.

- Continued investment in high-quality research space and modern equipment is required for the University to retain the most productive faculty, recruit the best new researchers and compete for external funds.

- The Translational Research Facility is one of three Biology / Life Science Initiative components included in the 2002 capital request.

PROJECT DESCRIPTION:
This request is for funds to design, construct, furnish and equip the Translational Research Facility, an addition to the existing Lyons Research Lab Building, on the Minneapolis Campus. The facility will provide medical research laboratory and support space for 33 clinician-scientists, and approximately 200 research staff from the Medical School and College of Pharmacy.

Project Rationale: Translational research focuses on developing new approaches to the prevention and treatment of disease, as well as increasing the effectiveness of existing therapies and products. The proposed facility, modeled after the collaborative research facilities used by leading private sector firms, will bring application oriented medical and pharmacy research programs together under one roof for the first time. Providing researchers with a physical environment that promotes collaboration, fosters creativity, promotes innovation and shortens the time it takes to develop new technologies.

In the past three years, the Academic Health Center has made significant progress in rebuilding its overall competitive position. Strategic investments in molecular and cellular biology have resulted in new faculty, opportunities for students, and industry partnerships. To date, the majority of these investments have been focused on strengthening basic science elements of human, animal and plant biology. The next phase of the initiative focuses on strengthening the Medical School and College of Pharmacy programs where basic science is translated into real world applications for improving human health.

Minnesota citizens are the first to benefit when University faculty and researchers develop innovative solutions to human health problems. Clinical trials conducted by University researchers give local patients first access to new treatments. University doctors routinely evaluate the effectiveness of new therapies, incorporating lessons learned from both the successes and failures into new patient care techniques. High quality research programs draw the best health professionals to Minnesota from around the world. In turn, these doctors treat patients and train new Minnesota doctors. Strong translational research programs provide opportunities for commercial 'spin-offs', technology transfer, and partnerships with Minnesota firms.

The greatest unmet need for modern laboratory space is in the clinical departments conducting translational research. University health research facilities are at capacity. The new Molecular and Cellular Biology Building only replaces obsolete research space demolished in the Owre-Millard-Lyons complex.

IMPACT ON STATE AGENCY OPERATING BUDGETS (FACILITIES NOTE):
The addition of approximately 96,000 GSF of new research space to the Minneapolis Campus will increase the University's operating costs by an estimated 1.2 million per year.

The Translational Research Facility will house approximately 233 new clinician-scientists and research staff. Funding for these positions will come from resources provided for in the 2002-03 biennial budget (Tobacco Endowment) and from future research grant revenue.

The estimated annual repair and replacement cost for this project is $1 million. This amount is equivalent to the annual depreciation cost of specific building components such as windows, roofs, walls, interiors, mechanical, plumbing, and electrical systems.

OTHER CONSIDERATIONS:
The Translational Research Facility is candidate for Design – Build.

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Dollars in Thousands ($137,500 = $138)

TOTAL PROJECT COSTS All Years and All Funding Sources	Project Costs All Prior Years	Project Costs FY 2002-03	Project Costs FY 2004-05	Project Costs FY 2006-07	Project Costs All Years	Project Start (Month/Year)	Project Finish (Month/Year)
1. Property Acquisition						07/2002	08/2002
Land, Land Easements, Options	$0	$0	$0	$0	$0		
Land and Buildings	0	16	0	0	16		
2. Predesign Fees	88	0	0	0	88		
3. Design Fees							
Schematic	0	395	0	0	395	07/2002	08/2002
Design Development	0	530	0	0	530	09/2002	11/2002
Contract Documents	0	1,200	0	0	1,200	12/2002	04/2003
Construction Administration	0	530	0	0	530	07/2003	07/2005
4. Project Management						07/2002	07/2005
State Staff Project Management	0	0	0	0	0		
Non-State Project Management	0	560	0	0	560		
Commissioning	0	45	0	0	45		
Other Costs	0	0	0	0	0		
5. Construction Costs						07/2003	06/2005
Site & Building Preparation	0	225	0	0	225		
Demolition/Decommissioning	0	0	0	0	0		
Construction	0	26,220	0	0	26,220		
Infrastructure/Roads/Utilities	0	0	0	0	0		
Hazardous Material Abatement	0	0	0	0	0		
Construction Contingency	0	1,600	0	0	1,600		
Other Costs	0	0	0	0	0		
6. One Percent for Art	0	245	0	0	245		
7. Relocation Expenses	0	100	0	0	100	05/2005	06/2005
8. Occupancy						05/2005	07/2005
Furniture, Fixtures and Equipment	0	1,210	0	0	1,210		
Telecommunications (voice & data)	0	120	0	0	120		
Security Equipment	0	10	0	0	10		
Other Costs	0	30	0	0	30		
SUBTOTAL: (items 1 – 8)	88	33,036	0	0	33,124		
9. Inflation							
Midpoint of Construction		05/2004					
Inflation Multiplier		12.00%	0.00%	0.00%			
Inflation Cost		3,964	0	0	3,964		
GRAND TOTAL	$88	$37,000	$0	$0	$37,088		

Dollars in Thousands ($137,500 = $138)

CAPITAL FUNDING SOURCES	Prior Years	FY 2002-03	FY 2004-05	FY 2006-07	TOTAL
State Funds :					
G.O Bonds/State Bldgs	0	37,000	0	0	37,000
State Funds Subtotal	0	37,000	0	0	37,000
Agency Operating Budget Funds	0	0	0	0	0
Federal Funds	0	0	0	0	0
Local Government Funds	0	0	0	0	0
Private Funds	0	0	0	0	0
Other	88	0	0	0	88
TOTAL	**88**	**37,000**	**0**	**0**	**37,088**

CHANGES IN STATE OPERATING COSTS	Changes in State Operating Costs (Without Inflation)			
	FY 2002-03	FY 2004-05	FY 2006-07	FY 2008-09
Compensation -- Program and Building Operation	0	0	18,203	19,246
Other Program Related Expenses	0	0	13,274	10,900
Building Operating Expenses	0	0	1,235	1,235
Building Repair and Replacement Expenses	0	0	2,072	2,072
State-Owned Lease Expenses	0	0	0	0
Nonstate-Owned Lease Expenses	0	0	0	0
Expenditure Subtotal	0	0	34,784	33,453
Revenue Offsets	0	0	<32,712>	<31,381>
TOTAL CHANGES	0	0	2,072	2,072
Change in F.T.E. Personnel	0.0	0.0	205.2	240.2

SOURCE OF FUNDS FOR DEBT SERVICE PAYMENTS (for bond-financed projects only)	Amount	Percent of Total
General Fund	24,679	66.7%
User Financing	12,321	33.3%

STATUTORY AND OTHER REQUIREMENTS Project applicants should be aware that the following requirements will apply to their projects after adoption of the bonding bill.	
Yes	MS 16B.335 (1a): Construction/Major Remodeling Review (by Legislature)
No	MS 16B.335 (1b): Project Exempt From This Review (by Legislature)
No	MS 16B.335 (2): Other Projects (require legislative notification)
Yes	MS 16B.335 (3): Predesign Review Required (by Administration Dept)
Yes	MS 16B.335 (4): Energy Conservation Requirements
No	MS 16B.335 (5): Information Technology Review (by Office of Technology)
Yes	MS 16A.695: Public Ownership Required (as per Finance Dept.)
No	MS 16A.695: Use Agreement Required (as per Finance Dept)
No	MS 16A.695: Program Funding Review Required (by granting agency)
Yes	Matching Funds Required (as per agency request)
Yes	Project Cancellation in 2007 (as per Finance Dept)

Department of Administration Analysis:

There is still concern that there is no allowance for hazardous material abatement in a project associated with connecting a new building into an existing building.

Department of Finance Analysis:

The project will support the Molecular and Cellular Biology Initiative, a very high priority of the University. This project was not in their last six year plan.

This project will have a tremendous impact on the University's operating budget. The University staff will increase by 205 FTEs, many of them faculty and clinician scientists. Operating costs will increase almost $35 million per biennium, offset by revenue of almost $33 million. It is not clear how much of this revenue is state resources (such as tobacco funds), and how much is from research grants the University wouldn't receive without this facility. It is also not clear how quickly the research revenue would be realized to offset these costs.

Under the University's construction plan, construction would not start until FY 2004 and be completed at the end of FY 2005. Design-build authority would accelerate this timeline slightly.

Financing for one-third of the capital costs for this project is proposed to come from either fundraising or existing University resources. Specific supporters have not yet been identified.

This site for this project is removed from almost all of the existing Academic Health Center's and other U research facilities. It is not clear whether this location is consistent with the U's existing precinct plans or future capital plans for the Academic Health Center.

Under the "Project Costs" section, the amount the University has listed in "All Prior Years" is the amount of their funds they have spent on predesign for these projects.

Governor's Recommendation:

The Governor does not recommend funds for this project.

STATEWIDE STRATEGIC SCORE		
Criteria	**Values**	**Points**
Critical Life Safety Emergency - Existing Hazards	0/700	0
Critical Legal Liability - Existing Liability	0/700	0
Prior Binding Commitment	0/700	0
Strategic Linkage - Agency Six Year Plan	0/40/80/120	80
Safety/Code Concerns	0/35/70/105	0
Customer Service/Statewide Significance	0/35/70/105	70
Agency Priority	0/25/50/75/100	50
User and Non-State Financing	0-100	33
State Asset Management	0/20/40/60	0
State Operating Savings or Operating Efficiencies	0/20/40/60	0
Contained in State Six-Year Planning Estimates	0/25/50	0
Total	700 Maximum	233

2002 STATE APPROPRIATION REQUEST: $7,701,000

AGENCY PROJECT PRIORITY: 8 of 12

PROJECT LOCATION: Crookston Campus

SUMMARY:

- Increased enrollment has created a demand for expanded student study space and improved student service facilities.
- Student organizations expand the learning environment by providing professional development, cultural and leadership opportunities.
- Replacing Bede Hall will enhance UMCs role as the center for University outreach activity in northwestern Minnesota.
- The Bede Hall replacement supports the University of Minnesota's goal of "Enhancing the Undergraduate Experience".

PROJECT DESCRIPTION:

This request is for funds to demolish Bede Hall and to design, construct, furnish and equip a replacement facility on the Crookston Campus. The replacement facility will continue to serve as the campus student center, providing space for student support and development services (e.g. student activities and organizations; the service-learning program; counseling, career, and disability services), the bookstore, study lounges, and a large group assembly room.

Project Rationale: The University has made enhancing the undergraduate experience one of its cornerstone initiatives. Replacing Bede Hall with a new student services center will improve the quality of campus life, assist in recruiting new students from diverse backgrounds, and improve retention of existing students.

Between 1996 and 2000, enrollment at the University of Minnesota, Crookston, grew 42%. This enrollment growth resulted in greater demand for the student support services (e.g. advising, student activities, and health services) located in Bede Hall. The existing facility, however, is simply unable to meet student needs. Originally designed as a dining and assembly hall for a residential agricultural high school with 150 students, the building's inefficient floor plan and general lack of space limit the kind and number of services that can be offered.

The addition of technology-enhanced, multipurpose meeting rooms and a large group assembly space will strengthen UMC's offering of adult learning activities, serving the needs of individuals and groups through courses, conferences, and other educational activities. Increased continuing education opportunities will be available to working professionals, organizations, businesses, industries, young adults, homemakers, and senior citizens.

Bede Hall has reached the end of its useful life. Constructed in 1921, basic building systems (e.g. mechanical, electrical, data/telecom) are obsolete or nonexistent. A deteriorating building envelope, as well as numerous code, fire-safety, energy-efficiency, and accessibility problems in the existing facility make renovation an unattractive option. The third floor is currently vacant, having been closed by the Building Code Official.

IMPACT ON STATE AGENCY OPERATING BUDGETS (FACILITIES NOTE):

The estimated operating cost increase for the Bede Hall replacement is $191,000 annually. The increased cost of operating and maintaining more sophisticated building systems and technology in the renovated facility will exceed the savings from improved energy efficiency. The provision of ventilation and air conditioning is the most significant cause for the increase.

No additional University of Minnesota faculty or program staff will result directly from this project.

The estimated annual repair and replacement cost for this project is $216,000. This amount is equivalent to the annual depreciation cost of specific building components such as windows, roofs, walls, interiors, mechanical, plumbing, and electrical systems.

PROJECT CONTACT PERSON, TITLE, ADDRESS, PHONE, FAX, AND E-MAIL:

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Dollars in Thousands ($137,500 = $138)

TOTAL PROJECT COSTS All Years and All Funding Sources	Project Costs All Prior Years	Project Costs FY 2002-03	Project Costs FY 2004-05	Project Costs FY 2006-07	Project Costs All Years	Project Start (Month/Year)	Project Finish (Month/Year)
1. Property Acquisition						09/2002	10/2002
Land, Land Easements, Options	$0	$0	$0	$0	$0		
Land and Buildings	0	7	0	0	7		
2. Predesign Fees	42	0	0	0	42		
3. Design Fees							
Schematic	0	82	0	0	82	09/2002	11/2002
Design Development	0	109	0	0	109	12/2002	02/2003
Contract Documents	0	244	0	0	244	03/2003	06/2003
Construction Administration	0	109	0	0	109	09/2003	09/2004
4. Project Management						09/2002	09/2004
State Staff Project Management	0	0	0	0	0		
Non-State Project Management	0	165	0	0	165		
Commissioning	0	20	0	0	20		
Other Costs	0	0	0	0	0		
5. Construction Costs						09/2003	08/2004
Site & Building Preparation	0	40	0	0	40		
Demolition/Decommissioning	0	120	0	0	120		
Construction	0	5,150	0	0	5,150		
Infrastructure/Roads/Utilities	0	0	0	0	0		
Hazardous Material Abatement	0	40	0	0	40		
Construction Contingency	0	435	0	0	435		
Other Costs	0	0	0	0	0		
6. One Percent for Art	0	49	0	0	49		
7. Relocation Expenses	0	50	0	0	50	07/2004	08/2004
8. Occupancy						07/2004	09/2004
Furniture, Fixtures and Equipment	0	250	0	0	250		
Telecommunications (voice & data)	0	50	0	0	50		
Security Equipment	0	0	0	0	0		
Other Costs	0	5	0	0	5		
SUBTOTAL: (items 1 – 8)	42	6,925	0	0	6,967		
9. Inflation							
Midpoint of Construction		03/2004					
Inflation Multiplier		11.20%	0.00%	0.00%			
Inflation Cost		776	0	0	776		
GRAND TOTAL	$42	$7,701	$0	$0	$7,743		

Dollars in Thousands ($137,500 = $138)

CAPITAL FUNDING SOURCES	Prior Years	FY 2002-03	FY 2004-05	FY 2006-07	TOTAL
State Funds :					
G.O Bonds/State Bldgs	0	7,701	0	0	7,701
General	0	0	0	0	0
State Funds Subtotal	0	7,701	0	0	7,701
Agency Operating Budget Funds	0	0	0	0	0
Federal Funds	0	0	0	0	0
Local Government Funds	0	0	0	0	0
Private Funds	0	0	0	0	0
Other	42	0	0	0	42
TOTAL	**42**	**7,701**	**0**	**0**	**7,743**

CHANGES IN STATE OPERATING COSTS	Changes in State Operating Costs (Without Inflation)			
	FY 2002-03	FY 2004-05	FY 2006-07	FY 2008-09
Compensation -- Program and Building Operation	0	89	178	178
Other Program Related Expenses	0	0	0	0
Building Operating Expenses	0	102	204	204
Building Repair and Replacement Expenses	0	108	216	216
State-Owned Lease Expenses	0	0	0	0
Nonstate-Owned Lease Expenses	0	0	0	0
Expenditure Subtotal	0	299	598	598
Revenue Offsets	0	0	0	0
TOTAL CHANGES	0	299	598	598
Change in F.T.E. Personnel	0.0	0.8	1.5	1.5

SOURCE OF FUNDS FOR DEBT SERVICE PAYMENTS (for bond-financed projects only)	Amount	Percent of Total
General Fund	5,137	66.7%
User Financing	2,564	33.3%

STATUTORY AND OTHER REQUIREMENTS

Project applicants should be aware that the following requirements will apply to their projects after adoption of the bonding bill.

Yes	MS 16B.335 (1a): Construction/Major Remodeling Review (by Legislature)
No	MS 16B.335 (1b): Project Exempt From This Review (by Legislature)
No	MS 16B.335 (2): Other Projects (require legislative notification)
Yes	MS 16B.335 (3): Predesign Review Required (by Administration Dept)
Yes	MS 16B.335 (4): Energy Conservation Requirements
No	MS 16B.335 (5): Information Technology Review (by Office of Technology)
Yes	MS 16A.695: Public Ownership Required (as per Finance Dept.)
No	MS 16A.695: Use Agreement Required (as per Finance Dept)
No	MS 16A.695: Program Funding Review Required (by granting agency)
Yes	Matching Funds Required (as per agency request)
Yes	Project Cancellation in 2007 (as per Finance Dept)

Department of Administration Analysis:

Admin would suggest that even for a Student Union facility that a telecommunications and technology budget of 1% of the construction costs appears low. The closing of the third floor of the current facility by building officials would suggest that this project should have received a higher priority. There is no indication as to what the plan for an interim union is and what those costs are.

Department of Finance Analysis:

The project is to demolish and replace the student union at Crookston. An analogous project, the renovation of Coffman Union on the Twin Cities campus, was funded by an increase in student fees that was voted on and accepted by the students.

There are numerous health and safety issues in the existing facility, including handicapped accessibility. While the exterior of the building remains in good shape, the interior has severe structural, design and ventilation concerns.

The new building will be approximately 38,000 sq. ft., a substantial increase from the 18,000 square feet existing facility. The operating costs will increase slightly by $598,000 per biennium, of which $216,000 is for the R & R budget of the new facility.

Under the "Project Costs" section, the amount the University has listed in "All Prior Years" is the amount of their funds they have spent on predesign for these projects.

Governor's Recommendation:

The Governor recommends general obligation bonding of $7.701 million for this project, contingent upon a one-third debt service payment by the University.

STATEWIDE STRATEGIC SCORE		
Criteria	**Values**	**Points**
Critical Life Safety Emergency - Existing Hazards	0/700	0
Critical Legal Liability - Existing Liability	0/700	0
Prior Binding Commitment	0/700	0
Strategic Linkage - Agency Six Year Plan	0/40/80/120	80
Safety/Code Concerns	0/35/70/105	70
Customer Service/Statewide Significance	0/35/70/105	35
Agency Priority	0/25/50/75/100	50
User and Non-State Financing	0-100	33
State Asset Management	0/20/40/60	20
State Operating Savings or Operating Efficiencies	0/20/40/60	0
Contained in State Six-Year Planning Estimates	0/25/50	25
Total	700 Maximum	313

2002 STATE APPROPRIATION REQUEST: $9,000,000

AGENCY PROJECT PRIORITY: 9 of 12

PROJECT LOCATION: Morris Campus

SUMMARY:

- Small classes are a core element of the social science program at UMM, a nationally recognized public liberal arts college attracting and training Minnesota's future scientists, entrepreneurs, teachers, and civic leaders.
- Morris campus social science faculty conduct research and provide assistance to local municipalities on regional issues.
- Building code upgrades, conducted as part of the renovation, will improve the safety and accessibility of this major campus classroom and office building.
- The Social Science renovation renews an historic building in a central campus location and supports the University of Minnesota's goal of "Enhancing the Undergraduate Experience".

PROJECT DESCRIPTION:

This request is for funds to renovate, expand, furnish and equip the Social Science Building ($8 million) and to install fire protection systems in three student housing facilities ($1 million) in the Morris Campus Heritage District. The Social Science renovation will correct all building code deficiencies, remodel the interior, install new windows, upgrade the building's mechanical/electrical system and replace the roof. As part of the renovation, a small addition will be constructed over the existing auditorium wing to create space for 17 faculty offices.

Project Rationale: The University has made enhancing the undergraduate experience one of its cornerstone initiatives. The Social Science Building houses the social science division, the second largest of the Morris campus's four academic divisions. In recent years, over 40% of Morris's graduating students have majored in the social sciences. This division offers courses in core liberal arts subject areas such as economics, political science, geography, history, psychology, and women's studies. The Social Science building also houses 30% of the campus's classrooms. Although heavily used, these classrooms are obsolete and lack basic technology capabilities. Student surveys routinely rate the social science classrooms as being "poor" or "very poor". The renovation will provide the campus's social science programs with the kind of modern, technologically equipped facility necessary to provide students with the highest quality education.

The Morris Campus is committed to preserving its heritage buildings and has built its capital improvements program around the renewal of existing facilities. The renovation of Social Sciences, one of only four major classroom buildings, is the Morris campus's highest academic remodeling priority. While structurally sound, the building is programmatically and functionally obsolete. The 80-year-old building does not meet current air quality standards, building codes and accessibility regulations. Aging building systems are no longer capable of supporting present-day technology.

The University is in the midst of a system wide initiative to install/upgrade the fire protection systems in its on-campus student housing facilities. The majority of projects are being financed through a special assessment on building residents. The age and construction of Morris campus housing make retrofitting sprinker systems the most expensive sprinkler projects systemwide. Because of the small number of students on campus, additional funds are required if the University is to keep the special assessment at Morris in-line with the special assessment being charged on other University campuses. The Morris campus housing residents will be responsible for paying a portion of the University's one-third debt obligation on the sprinkler project portion of this request.

IMPACT ON STATE AGENCY OPERATING BUDGETS (FACILITIES NOTE):

The estimated operating cost increase for the Social Science Building is $121,000 annually. The increased cost of operating and maintaining more sophisticated building systems and technology in the renovated facility will exceed the savings from improved energy efficiency. The provision of ventilation and air conditioning is the most significant cause for the increase.

No additional University of Minnesota faculty or program staff will result directly from this project.

The estimated annual repair and replacement cost for this project is $252,000. This amount is equivalent to the annual depreciation cost of specific building components such as windows, roofs, walls, interiors, mechanical, plumbing, and electrical systems.

PROJECT CONTACT PERSON, TITLE, ADDRESS, PHONE, FAX, AND E-MAIL:

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Dollars in Thousands ($137,500 = $138)

TOTAL PROJECT COSTS All Years and All Funding Sources	Project Costs All Prior Years	Project Costs FY 2002-03	Project Costs FY 2004-05	Project Costs FY 2006-07	Project Costs All Years	Project Start (Month/Year)	Project Finish (Month/Year)
1. Property Acquisition						08/2002	09/2002
Land, Land Easements, Options	$0	$0	$0	$0	$0		
Land and Buildings	0	11	0	0	11		
2. Predesign Fees	40	0	0	0	40		
3. Design Fees							
Schematic	0	66	0	0	66	08/2002	09/2002
Design Development	0	89	0	0	89	10/2002	12/2002
Contract Documents	0	200	0	0	200	01/2003	05/2003
Construction Administration	0	89	0	0	89	08/2003	08/2004
4. Project Management						08/2002	08/2004
State Staff Project Management	0	0	0	0	0		
Non-State Project Management	0	176	0	0	176		
Commissioning	0	40	0	0	40		
Other Costs	0	0	0	0	0		
5. Construction Costs						08/2003	07/2004
Site & Building Preparation	0	11	0	0	11		
Demolition/Decommissioning	0	0	0	0	0		
Construction	0	6,170	0	0	6,170		
Infrastructure/Roads/Utilities	0	36	0	0	36		
Hazardous Material Abatement	0	141	0	0	141		
Construction Contingency	0	505	0	0	505		
Other Costs	0	0	0	0	0		
6. One Percent for Art	0	49	0	0	49		
7. Relocation Expenses	0	8	0	0	8	06/2004	07/2004
8. Occupancy						06/2004	08/2004
Furniture, Fixtures and Equipment	0	432	0	0	432		
Telecommunications (voice & data)	0	80	0	0	80		
Security Equipment	0	5	0	0	5		
Other Costs	0	7	0	0	7		
SUBTOTAL: (items 1 – 8)	40	8,115	0	0	8,155		
9. Inflation							
Midpoint of Construction		02/2004					
Inflation Multiplier		10.90%	0.00%	0.00%			
Inflation Cost		885	0	0	885		
GRAND TOTAL	$40	$9,000	$0	$0	$9,040		

Dollars in Thousands ($137,500 = $138)

CAPITAL FUNDING SOURCES	Prior Years	FY 2002-03	FY 2004-05	FY 2006-07	TOTAL
State Funds :					
G.O Bonds/State Bldgs	0	9,000	0	0	9,000
State Funds Subtotal	0	9,000	0	0	9,000
Agency Operating Budget Funds	0	0	0	0	0
Federal Funds	0	0	0	0	0
Local Government Funds	0	0	0	0	0
Private Funds	0	0	0	0	0
Other	40	0	0	0	40
TOTAL	**40**	**9,000**	**0**	**0**	**9,040**

CHANGES IN STATE OPERATING COSTS	Changes in State Operating Costs (Without Inflation)			
	FY 2002-03	FY 2004-05	FY 2006-07	FY 2008-09
Compensation -- Program and Building Operation	0	57	113	113
Other Program Related Expenses	0	0	0	0
Building Operating Expenses	0	65	130	130
Building Repair and Replacement Expenses	0	126	252	252
State-Owned Lease Expenses	0	0	0	0
Nonstate-Owned Lease Expenses	0	0	0	0
Expenditure Subtotal	0	248	495	495
Revenue Offsets	0	0	0	0
TOTAL CHANGES	0	248	495	495
Change in F.T.E. Personnel	0.0	0.5	1.0	1.0

SOURCE OF FUNDS FOR DEBT SERVICE PAYMENTS (for bond-financed projects only)	Amount	Percent of Total
General Fund	6,003	66.7%
User Financing	2,997	33.3%

STATUTORY AND OTHER REQUIREMENTS

Project applicants should be aware that the following requirements will apply to their projects after adoption of the bonding bill.

Yes	MS 16B.335 (1a): Construction/Major Remodeling Review (by Legislature)
No	MS 16B.335 (1b): Project Exempt From This Review (by Legislature)
No	MS 16B.335 (2): Other Projects (require legislative notification)
Yes	MS 16B.335 (3): Predesign Review Required (by Administration Dept)
Yes	MS 16B.335 (4): Energy Conservation Requirements
No	MS 16B.335 (5): Information Technology Review (by Office of Technology)
Yes	MS 16A.695: Public Ownership Required (as per Finance Dept.)
No	MS 16A.695: Use Agreement Required (as per Finance Dept)
No	MS 16A.695: Program Funding Review Required (by granting agency)
Yes	Matching Funds Required (as per agency request)
Yes	Project Cancellation in 2007 (as per Finance Dept)

Department of Administration Analysis:

Admin recommends that in the future projects of such dissimilarity should not be grouped together as it prevents the funding of life safety oriented concerns in the project. Could the fire protection and roof replacement components of this request not fall under the definition of the HEAPR request?

Department of Finance Analysis:

This project is to renovate the Social Sciences building, and put sprinklers in the student housing facilities. Social Sciences is not an academic discipline the University has specifically identified as being a high priority. The narrative suggests that Morris students will be assessed a fee for half of the one-third debt service for the portion of the project devoted to sprinklers in the dorm.

This project was not in the University's 2000 capital budget six year plan. It does not appear that this will support the expansion of an academic program, but will remodel the classrooms devoted to social sciences.

Design of this project has not been initiated. Construction would begin the summer of 2003.

Under the "Project Costs" section, the amount the University has listed in "All Prior Years" is the amount of their funds they have spent on predesign for these projects.

Governor's Recommendation:

The Governor does not recommend funds for this project.

STATEWIDE STRATEGIC SCORE		
Criteria	**Values**	**Points**
Critical Life Safety Emergency - Existing Hazards	0/700	0
Critical Legal Liability - Existing Liability	0/700	0
Prior Binding Commitment	0/700	0
Strategic Linkage - Agency Six Year Plan	0/40/80/120	40
Safety/Code Concerns	0/35/70/105	35
Customer Service/Statewide Significance	0/35/70/105	35
Agency Priority	0/25/50/75/100	50
User and Non-State Financing	0-100	33
State Asset Management	0/20/40/60	20
State Operating Savings or Operating Efficiencies	0/20/40/60	0
Contained in State Six-Year Planning Estimates	0/25/50	0
Total	700 Maximum	213

2002 STATE APPROPRIATION REQUEST: $3,000,000

AGENCY PROJECT PRIORITY: 10 of 12

PROJECT LOCATION: Minneapolis Campus

SUMMARY:

- Creating flexible, high-tech space for the Institute of Technology (IT) will expand research capacity and allow the University to increase the number of students enrolled in computer science, engineering, and the physical sciences.

- University programs in computer science and engineering are at capacity and enrollment is being limited. Employers continue to demand more computer science graduates than the University can provide. The new B.S. program in biomedical engineering has twice as many applicants as can be served.

- Advances in nanotechnology are important to the innovation and future economic success of Minnesota's medical device, telecommunication, biotechnology, and manufacturing companies.

- The Teaching and Technology Center supports the University of Minnesota's goals of "Investing for the Future" and "Enhancing the Undergraduate Experience" by strengthening programs in design and digital technology.

PROJECT DESCRIPTION:

This request is for funds to prepare a predesign, and to design and prepare construction drawings for a new Teaching and Technology Center for the Institute of Technology on the Minneapolis Campus. The facility will include technology-enhanced classrooms, instructional labs, and flexible research labs to support teaching and research in computer science, engineering, nanotechnology and the physical sciences.

Funding for construction will be requested in 2004.

Project Rationale: The Institute of Technology – the University's college of engineering, physical sciences, and mathematics – is one of the premier schools of its kind in the nation. IT is the University's second largest college with more than 6,000 students and its programs consistently appear among the top 20 in national rankings by U.S. News and World Report, the Princeton Review, and the National Research Council.

Science and technology are not static disciplines. Without a continual effort to keep curriculum, research and facilities up to date, cutting edge programs quickly become stale and non-competitive. While the University has been increasing its investment in select science and technology fields, the quantity and quality of teaching and research space must be improved to keep these programs on the cutting-edge.

A multiple-project plan is being developed to meet the Institute's facility needs. The first step of this plan is the construction of the Teaching and Technology Center to provide space for IT's technically demanding and high growth programs. The new building will also provide modern classrooms designed to meet the needs of high demand undergraduate IT programs.

Nanotechnology, just one example of where inadequate laboratory space is limiting opportunities in an emerging field, will revolutionize science, medicine, and manufacturing. The ability to manipulate bits of matter one-billionth of a meter (nanometer) in size is already leading to an unprecedented understanding of the fundamental building blocks of all physical objects. Discoveries in this field will be crucial to the continued success of many of Minnesota's leading companies.

The Geology and Geophysics and the Physics and Astronomy departments are currently housed in buildings that are 112 and 75 years old, respectively. Aging laboratory space cannot adequately support contemporary earth sciences and physics research programs in areas like the environment, climate, atmospheric change, meteorology and biophysics.

The new building will free up sufficient space to allow the sequential renovation of Lind Hall, Pillsbury Hall, and the Physics Building. The eventual renovation of these three historic buildings will result in updated facilities for the geology and physics programs within the IT district, and facilitate the relocation of the english and composition programs from the IT District to the Knoll District where the other humanities programs are located.

IMPACT ON STATE AGENCY OPERATING BUDGETS (FACILITIES NOTE):

This request is for design funds only. There is no annual operating cost impact at this time.

PROJECT CONTACT PERSON, TITLE, ADDRESS, PHONE, FAX, AND E-MAIL:

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University of Minnesota
Minneapolis - Teaching & Technology Center

AGENCY CAPITAL BUDGET REQUEST
Fiscal Years 2002-2007
Dollars in Thousands ($137,500 = $138)

Project Cost

TOTAL PROJECT COSTS All Years and All Funding Sources	**Project Costs** All Prior Years	**Project Costs** FY 2002-03	**Project Costs** FY 2004-05	**Project Costs** FY 2006-07	**Project Costs** All Years	**Project Start** (Month/Year)	**Project Finish** (Month/Year)
1. Property Acquisition						01/2003	02/2003
Land, Land Easements, Options	$0	$0	$0	$0	$0		
Land and Buildings	0	20	0	0	20		
2. Predesign Fees	0	150	0	0	150	09/2002	02/2003
3. Design Fees							
Schematic	0	530	0	0	530	03/2003	05/2003
Design Development	0	700	0	0	700	06/2003	10/2003
Contract Documents	0	1,560	0	0	1,560	11/2003	06/2004
Construction Administration	0	0	0	0	0		
4. Project Management						09/2002	06/2004
State Staff Project Management	0	0	0	0	0		
Non-State Project Management	0	40	0	0	40		
Commissioning	0	0	0	0	0		
Other Costs	0	0	0	0	0		
5. Construction Costs							
Site & Building Preparation	0	0	0	0	0		
Demolition/Decommissioning	0	0	0	0	0		
Construction	0	0	0	0	0		
Infrastructure/Roads/Utilities	0	0	0	0	0		
Hazardous Material Abatement	0	0	0	0	0		
Construction Contingency	0	0	0	0	0		
Other Costs	0	0	0	0	0		
6. One Percent for Art	0	0	0	0	0		
7. Relocation Expenses	0	0	0	0	0		
8. Occupancy							
Furniture, Fixtures and Equipment	0	0	0	0	0		
Telecommunications (voice & data)	0	0	0	0	0		
Security Equipment	0	0	0	0	0		
Other Costs	0	0	0	0	0		
SUBTOTAL: (items 1 – 8)	0	3,000	0	0	3,000		
9. Inflation							
Midpoint of Construction							
Inflation Multiplier		0.00%	0.00%	0.00%			
Inflation Cost		0	0	0	0		
GRAND TOTAL	$0	$3,000	$0	$0	$3,000		

Dollars in Thousands ($137,500 = $138)

CAPITAL FUNDING SOURCES	Prior Years	FY 2002-03	FY 2004-05	FY 2006-07	TOTAL
State Funds :					
G.O Bonds/State Bldgs	0	3,000	0	0	3,000
State Funds Subtotal	0	3,000	0	0	3,000
Agency Operating Budget Funds	0	0	0	0	0
Federal Funds	0	0	0	0	0
Local Government Funds	0	0	0	0	0
Private Funds	0	0	0	0	0
Other	0	0	0	0	0
TOTAL	**0**	**3,000**	**0**	**0**	**3,000**

CHANGES IN STATE OPERATING COSTS	Changes in State Operating Costs (Without Inflation)			
	FY 2002-03	FY 2004-05	FY 2006-07	FY 2008-09
Compensation -- Program and Building Operation	0	0	0	0
Other Program Related Expenses	0	0	0	0
Building Operating Expenses	0	0	0	0
Building Repair and Replacement Expenses	0	0	0	0
State-Owned Lease Expenses	0	0	0	0
Nonstate-Owned Lease Expenses	0	0	0	0
Expenditure Subtotal	0	0	0	0
Revenue Offsets	0	0	0	0
TOTAL CHANGES	0	0	0	0
Change in F.T.E. Personnel	0.0	0.0	0.0	0.0

SOURCE OF FUNDS FOR DEBT SERVICE PAYMENTS (for bond-financed projects only)	Amount	Percent of Total
General Fund	2,001	66.7%
User Financing	999	33.3%

STATUTORY AND OTHER REQUIREMENTS Project applicants should be aware that the following requirements will apply to their projects after adoption of the bonding bill.	
Yes	MS 16B.335 (1a): Construction/Major Remodeling Review (by Legislature)
No	MS 16B.335 (1b): Project Exempt From This Review (by Legislature)
No	MS 16B.335 (2): Other Projects (require legislative notification)
Yes	MS 16B.335 (3): Predesign Review Required (by Administration Dept)
Yes	MS 16B.335 (4): Energy Conservation Requirements
No	MS 16B.335 (5): Information Technology Review (by Office of Technology)
Yes	MS 16A.695: Public Ownership Required (as per Finance Dept.)
No	MS 16A.695: Use Agreement Required (as per Finance Dept)
No	MS 16A.695: Program Funding Review Required (by granting agency)
Yes	Matching Funds Required (as per agency request)
Yes	Project Cancellation in 2007 (as per Finance Dept)

Department of Administration Analysis:

Without predesign being completed it is not possible to understand the scope of work that the design fees are anticipated to cover. Furthermore, there is no indication of the construction cost anticipated in a future biennia.

Department of Finance Analysis:

Project is for design of a new Teaching and Technology Center for the Institute of Technology, and will house classes and research in computer science, information technology, and nano-technology. It is not clear whether these are directly related to the five areas the University has identified as high priority, but the University did include a request for nano-technology equipment in their last operating budget. It is also not clear whether this project will support expanding academic programs or not.

Governor's Recommendation:

The Governor does not recommend funds for this project.

STATEWIDE STRATEGIC SCORE		
Criteria	**Values**	**Points**
Critical Life Safety Emergency - Existing Hazards	0/700	0
Critical Legal Liability - Existing Liability	0/700	0
Prior Binding Commitment	0/700	0
Strategic Linkage - Agency Six Year Plan	0/40/80/120	40
Safety/Code Concerns	0/35/70/105	0
Customer Service/Statewide Significance	0/35/70/105	70
Agency Priority	0/25/50/75/100	25
User and Non-State Financing	0-100	33
State Asset Management	0/20/40/60	20
State Operating Savings or Operating Efficiencies	0/20/40/60	0
Contained in State Six-Year Planning Estimates	0/25/50	25
Total	700 Maximum	213

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2002 STATE APPROPRIATION REQUEST: $3,000,000

AGENCY PROJECT PRIORITY: 11 of 12

PROJECT LOCATION: Research Centers -Crookston, Grand Rapids & Waseca

SUMMARY:

- Research conducted at the Research and Outreach Centers (ROCs) provides practical support to the agricultural, horticultural and natural resources sectors of the state's economy.

- Scientists at the ROCs conduct applied research addressing issues related to production agriculture, horticulture, forestry, sustainable ecosystems, food safety, the rural economy, and the urban-rural interface.

PROJECT DESCRIPTION:

This request is for funds to design and prepare construction drawings, and to construct, furnish, and equip projects at three research and outreach centers (ROCs). The facilities included in this request will increase the capacity of the Minnesota Research and Outreach Centers to conduct applied research in agriculture, natural resources, and biological sciences, and will enhance the University's ability to deliver educational programs to citizens throughout Greater Minnesota.

A. Crookston Research Lab & Office. Construction of research laboratory and office space at the Northwest ROC at Crookston. The new facility will consist of three research laboratories, six offices for researchers, a soil/plant grinding room, and support space for the crop science research program. The facility will be built on existing NWROC property at a site with all utilities nearby. The new facility will compliment the research effort of five departments: entomology, agronomy, plant pathology, horticulture, soil, water, and climate.

Project Rationale: In response to Fusarium Head Blight (scab), other leaf diseases, and insects that are threatening Minnesota's wheat and barley production industry, the University of Minnesota has expanded the scope and direction of the research being conducted at the Northwest ROC. This programmatic expansion has created an acute shortage of suitable office and laboratory space. The current lack of laboratory and office space is hindering the ability of the center's scientists to conduct research, to secure external funding for research and to attract qualified research technicians and graduate students.

B. Grand Rapids Forest Genetics Facility & Land Acquisition. Construction of an addition to the aspen/larch genetics laboratory at the North Central ROC at Grand Rapids, and the acquisition of land for the development of two test planting sites to conduct research on fast growing trees.

Project Rationale: Minnesota's forest products industry employs over 60,000 people. To support the state's commitment to the future growth of this industry, scientists at the Forest Genetics Facility are conducting research on aspen, larch, and other northern tree species aimed at increasing productivity of forest resources in a sustainable manner. This research will result in economic and environmental benefits to the entire state. Field laboratory facilities and test plots are essential to conducting effective research, and current facilities are inadequate.

C. Grand Rapids Farm Shop/Maintenance Building. Construction of a building at the North Central ROC at Grand Rapids to accommodate the farm machinery repair, maintenance, and carpentry shops.

Project Rationale: Facilities to store and repair farm equipment are an essential part of the NCROC infrastructure necessary to support research and outreach activities. The existing farm shop/maintenance building was built in 1915. Ceiling height, room sizes, and arrangement are not appropriate for 1990s type farm and research equipment. Lighting and ventilation are poor and heating costs are very high. The building has outlived its useful life by 30 or more years.

D. Waseca Administration Building Addition/ ITV Facility. Construction of an addition to the Administration Building at the Southern ROC at Waseca to accommodate faculty offices, work space for University and community programmatic functions, and the office of the district extension director for south-central Minnesota. The addition will house tenured faculty, extension specialists, and educators for the district. The meeting room in the existing building will be remodeled to function as an ITV classroom and downlink site for educational and community use.

Project Rationale: The Southern ROC Administration Building is a remodeled dwelling completed in 1972. The faculty and professional appointments have more than doubled in the past six years. Additional space is required to meet the increased staff and outreach activities. The SROC also provides office and laboratory space for the southeastern office of AURI in a partnership program.

The development of branch stations into research and outreach centers, with greater education emphasis, will allow increased placement of faculty at locations throughout the state. SROCs regional research responsibility includes 24 counties in south central and southeastern Minnesota. It is responsible for conducting applied research, engaging in collaborative teaching, and transferring University research-based knowledge to all segments of society. This facility request will create a research, outreach, and education center for local and distance education throughout southeast and south central Minnesota.

IMPACT ON STATE AGENCY OPERATING BUDGETS (FACILITIES NOTE):

The operation of the Research and Outreach Centers is funded from the Agriculture and Extension Service special appropriation and from income generated by each center. The facility operational costs are estimated to increase by $70,000 annually as a result of these projects.

No additional University of Minnesota faculty or program staff will result directly from this project.

The estimated annual repair and replacement cost for this project is $84,000. This amount is equivalent to the annual depreciation cost of specific building components such as windows, roofs, walls, interiors, mechanical, plumbing, and electrical systems.

PROJECT CONTACT PERSON, TITLE, ADDRESS, PHONE, FAX, AND E-MAIL:

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University of Minnesota
Statewide - Research & Outreach Centers

AGENCY CAPITAL BUDGET REQUEST
Fiscal Years 2002-2007
Dollars in Thousands ($137,500 = $138)

Project Cost

TOTAL PROJECT COSTS All Years and All Funding Sources	Project Costs All Prior Years	Project Costs FY 2002-03	Project Costs FY 2004-05	Project Costs FY 2006-07	Project Costs All Years	Project Start (Month/Year)	Project Finish (Month/Year)
1. Property Acquisition						08/2002	09/2002
Land, Land Easements, Options	$0	$65	$0	$0	$65		
Land and Buildings	0	7	0	0	7		
2. Predesign Fees	7	0	0	0	7		
3. Design Fees							
Schematic	0	35	0	0	35	08/2002	09/2002
Design Development	0	45	0	0	45	10/2002	11/2002
Contract Documents	0	100	0	0	100	12/2002	02/2003
Construction Administration	0	45	0	0	45	05/2003	01/2004
4. Project Management						08/2002	
State Staff Project Management	0	0	0	0	0		
Non-State Project Management	0	140	0	0	140		
Commissioning	0	0	0	0	0		
Other Costs	0	0	0	0	0		
5. Construction Costs						05/2003	12/2003
Site & Building Preparation	0	28	0	0	28		
Demolition/Decommissioning	0	0	0	0	0		
Construction	0	1,829	0	0	1,829		
Infrastructure/Roads/Utilities	0	0	0	0	0		
Hazardous Material Abatement	0	30	0	0	30		
Construction Contingency	0	181	0	0	181		
Other Costs	0	33	3,000	3,000	6,033		
6. One Percent for Art	0	7	0	0	7		
7. Relocation Expenses	0	2	0	0	2	11/2003	12/2003
8. Occupancy						11/2003	01/2004
Furniture, Fixtures and Equipment	0	200	0	0	200		
Telecommunications (voice & data)	0	10	0	0	10		
Security Equipment	0	0	0	0	0		
Other Costs	0	3	0	0	3		
SUBTOTAL: (items 1 – 8)	7	2,760	3,000	3,000	8,767		
9. Inflation							
Midpoint of Construction		08/2003					
Inflation Multiplier		8.70%	0.00%	0.00%			
Inflation Cost		240	0	0	240		
GRAND TOTAL	$7	$3,000	$3,000	$3,000	$9,007		

Dollars in Thousands ($137,500 = $138)

CAPITAL FUNDING SOURCES	Prior Years	FY 2002-03	FY 2004-05	FY 2006-07	TOTAL
State Funds :					
G.O Bonds/State Bldgs	0	3,000	3,000	3,000	9,000
State Funds Subtotal	0	3,000	3,000	3,000	9,000
Agency Operating Budget Funds	0	0	0	0	0
Federal Funds	0	0	0	0	0
Local Government Funds	0	0	0	0	0
Private Funds	0	0	0	0	0
Other	7	0	0	0	7
TOTAL	**7**	**3,000**	**3,000**	**3,000**	**9,007**

CHANGES IN STATE OPERATING COSTS	Changes in State Operating Costs (Without Inflation)			
	FY 2002-03	FY 2004-05	FY 2006-07	FY 2008-09
Compensation -- Program and Building Operation	0	66	66	66
Other Program Related Expenses	0	0	0	0
Building Operating Expenses	0	75	75	75
Building Repair and Replacement Expenses	0	84	84	84
State-Owned Lease Expenses	0	0	0	0
Nonstate-Owned Lease Expenses	0	0	0	0
Expenditure Subtotal	0	225	225	225
Revenue Offsets	0	0	0	0
TOTAL CHANGES	0	225	225	225
Change in F.T.E. Personnel	0.0	0.6	0.6	0.6

SOURCE OF FUNDS FOR DEBT SERVICE PAYMENTS (for bond-financed projects only)	Amount	Percent of Total
General Fund	2,001	66.7%
User Financing	999	33.3%

STATUTORY AND OTHER REQUIREMENTS Project applicants should be aware that the following requirements will apply to their projects after adoption of the bonding bill.	
No	MS 16B.335 (1a): Construction/Major Remodeling Review (by Legislature)
Yes	MS 16B.335 (1b): Project Exempt From This Review (by Legislature)
No	MS 16B.335 (2): Other Projects (require legislative notification)
Yes	MS 16B.335 (3): Predesign Review Required (by Administration Dept)
Yes	MS 16B.335 (4): Energy Conservation Requirements
No	MS 16B.335 (5): Information Technology Review (by Office of Technology)
Yes	MS 16A.695: Public Ownership Required (as per Finance Dept.)
No	MS 16A.695: Use Agreement Required (as per Finance Dept)
No	MS 16A.695: Program Funding Review Required (by granting agency)
Yes	Matching Funds Required (as per agency request)
Yes	Project Cancellation in 2007 (as per Finance Dept)

Department of Administration Analysis:

The detail offered in the request is not adequate to make a reasonable evaluation. Admin suggests that a predesign should clearly articulate the scopes for each project and that the request narrative be developed more clearly.

Department of Finance Analysis:

The project is for various capital improvements at the University's four Research and Outreach Centers. Of the projects identified, it appears that only one (the Crookston ROC) will be for a discipline the University has identified as high priority (agriculture). It appears that others will accommodate expanding academic programs. The narrative does not discuss whether there are other similar programs in the region or the state.

The costs of the individual capital projects are not yet identified. Changes in operating costs are minimal.

The University's 2000 capital request placed this project as their ninth priority out of 10, requesting $4.0 million and receiving $1.15 million.

Under the "Project Costs" section, the amount the University has listed in "All Prior Years" is the amount of their funds they have spent on predesign for these projects.

Governor's Recommendation:

The Governor does not recommend capital funding for this project.

STATEWIDE STRATEGIC SCORE		
Criteria	**Values**	**Points**
Critical Life Safety Emergency - Existing Hazards	0/700	0
Critical Legal Liability - Existing Liability	0/700	0
Prior Binding Commitment	0/700	0
Strategic Linkage - Agency Six Year Plan	0/40/80/120	80
Safety/Code Concerns	0/35/70/105	0
Customer Service/Statewide Significance	0/35/70/105	35
Agency Priority	0/25/50/75/100	50
User and Non-State Financing	0-100	33
State Asset Management	0/20/40/60	0
State Operating Savings or Operating Efficiencies	0/20/40/60	0
Contained in State Six-Year Planning Estimates	0/25/50	50
Total	700 Maximum	248

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2002 STATE APPROPRIATION REQUEST: $2,000,000

AGENCY PROJECT PRIORITY: 12 of 12

PROJECT LOCATION: Minneapolis Campus

SUMMARY:

- The renovation of Northrop Memorial Auditorium will renew the University's signature campus building and revitalize one of the most recognized buildings in the entire state.
- Northrop Memorial Auditorium has been the center for academic, cultural, and social activities for the University and the state for more than 70 years.
- Revitalization is essential to ensure that this landmark building is preserved and will continue to serve Minnesotans in the future.

PROJECT DESCRIPTION:

This request is for funds to design and prepare construction drawings for the renovation of Northrop Memorial Auditorium. Renovation will occur in phases, replacing obsolete building systems and enhancing amenities for audiences and performers while maintaining the historic character of the building.

Phase 1 construction funding will be requested in 2004. Revitalization of Northrop will require financial participation by the University and the state. The University plans to conduct a fund-raising campaign to finance its portion of the construction costs.

The University is currently preparing a renovation master plan and project predesign document.

Project Rationale: Northrop Memorial Auditorium is the signature building of the Historic Northrop Mall District. Since 1929, the building has been the cornerstone of the University's academic tradition. Activities in Northrop, the largest non-athletic assembly space on campus, play a central role in the academic, cultural and social experiences of students throughout their career at the University. Freshman convocation welcomes new students to the campus and introduces them to the traditions and values of the University. Free lectures expose students to speakers of national and international prominence, such as the Dalai Lama, Jimmy Carter, and George Bush. Presentations by the University's most distinguished scholars broaden students' knowledge beyond their chosen field of study. Concerts and cultural performances present some of the world's greatest performing artists, as well as showcase budding artists from within the University community. For graduating seniors, a commencement ceremony celebrates the conclusion of their work at the University and the beginning of a new career.

Although its primary function is serving the University's academic needs, Northrop is also a venue for public performances. The auditorium's 5,000-seat capacity makes Northrop a unique, mid-sized metropolitan venue for a wide array of non-University cultural events. Northrop is an attractive location for events that want a more intimate setting than a sports arena, but are too large for most regional performance halls. Since revenue from public events helps support the academic use of the building, the University is attempting to increase public use of the auditorium during periods when it is not used for academic and cultural purposes. Management strategies for improving access, parking, and customer services have recently been implemented. The condition of the facilities for audiences and performers, however, remains an obstacle to increased public use.

The renovation of Northrop, built in 1929, is long overdue. Aging building systems, as well as changes in technology, production requirements, and audience expectations have made Northrop an outdated facility. The current renovation plan calls for:

- Replacement of the electrical, heating, and cooling systems
- Customer-oriented enhancements such as new seating, expanded restroom capacity, increased accessibility, brighter house lighting, and more convenient concessions
- Production-oriented improvements to the sound systems, technology infrastructure, stage, and dock facilities
- Restoration of the classical architecture and ornate interior detailing of the historic building

IMPACT ON STATE AGENCY OPERATING BUDGETS (FACILITIES NOTE):

This request is for design funds only. There is no annual operating cost impact at this time.

PROJECT CONTACT PERSON, TITLE, ADDRESS, PHONE, FAX, AND E-MAIL:

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Dollars in Thousands ($137,500 = $138)

TOTAL PROJECT COSTS All Years and All Funding Sources	Project Costs All Prior Years	Project Costs FY 2002-03	Project Costs FY 2004-05	Project Costs FY 2006-07	Project Costs All Years	Project Start (Month/Year)	Project Finish (Month/Year)
1. Property Acquisition						10/2002	12/2002
Land, Land Easements, Options	$0	$0	$0	$0	$0		
Land and Buildings	0	60	0	0	60		
2. Predesign Fees	100	0	0	0	100		
3. Design Fees							
Schematic	0	360	0	0	360	10/2002	02/2003
Design Development	0	475	0	0	475	03/2003	07/2003
Contract Documents	0	1,065	0	0	1,065	08/2003	12/2003
Construction Administration	0	0	0	0	0		
4. Project Management						10/2002	12/2003
State Staff Project Management	0	0	0	0	0		
Non-State Project Management	0	40	0	0	40		
Commissioning	0	0	0	0	0		
Other Costs	0	0	0	0	0		
5. Construction Costs							
Site & Building Preparation	0	0	0	0	0		
Demolition/Decommissioning	0	0	0	0	0		
Construction	0	0	0	0	0		
Infrastructure/Roads/Utilities	0	0	0	0	0		
Hazardous Material Abatement	0	0	0	0	0		
Construction Contingency	0	0	0	0	0		
Other Costs	0	0	10,000	0	10,000		
6. One Percent for Art	0	0	0	0	0		
7. Relocation Expenses	0	0	0	0	0		
8. Occupancy							
Furniture, Fixtures and Equipment	0	0	0	0	0		
Telecommunications (voice & data)	0	0	0	0	0		
Security Equipment	0	0	0	0	0		
Other Costs	0	0	0	0	0		
SUBTOTAL: (items 1 – 8)	100	2,000	10,000	0	12,100		
9. Inflation							
Midpoint of Construction							
Inflation Multiplier		0.00%	0.00%	0.00%			
Inflation Cost		0	0	0	0		
GRAND TOTAL	$100	$2,000	$10,000	$0	$12,100		

Dollars in Thousands ($137,500 = $138)

CAPITAL FUNDING SOURCES	Prior Years	FY 2002-03	FY 2004-05	FY 2006-07	TOTAL
State Funds :					
G.O Bonds/State Bldgs	0	2,000	10,000	0	12,000
State Funds Subtotal	0	2,000	10,000	0	12,000
Agency Operating Budget Funds	0	0	0	0	0
Federal Funds	0	0	0	0	0
Local Government Funds	0	0	0	0	0
Private Funds	0	0	0	0	0
Other	100	0	0	0	100
TOTAL	**100**	**2,000**	**10,000**	**0**	**12,100**

CHANGES IN STATE OPERATING COSTS	Changes in State Operating Costs (Without Inflation)			
	FY 2002-03	FY 2004-05	FY 2006-07	FY 2008-09
Compensation -- Program and Building Operation	0	0	0	0
Other Program Related Expenses	0	0	0	0
Building Operating Expenses	0	0	0	0
Building Repair and Replacement Expenses	0	0	0	0
State-Owned Lease Expenses	0	0	0	0
Nonstate-Owned Lease Expenses	0	0	0	0
Expenditure Subtotal	0	0	0	0
Revenue Offsets	0	0	0	0
TOTAL CHANGES	0	0	0	0
Change in F.T.E. Personnel	0.0	0.0	0.0	0.0

SOURCE OF FUNDS FOR DEBT SERVICE PAYMENTS (for bond-financed projects only)	Amount	Percent of Total
General Fund	1,334	66.7%
User Financing	666	33.3%

STATUTORY AND OTHER REQUIREMENTS

Project applicants should be aware that the following requirements will apply to their projects after adoption of the bonding bill.

Yes	MS 16B.335 (1a): Construction/Major Remodeling Review (by Legislature)
No	MS 16B.335 (1b): Project Exempt From This Review (by Legislature)
No	MS 16B.335 (2): Other Projects (require legislative notification)
Yes	MS 16B.335 (3): Predesign Review Required (by Administration Dept)
Yes	MS 16B.335 (4): Energy Conservation Requirements
No	MS 16B.335 (5): Information Technology Review (by Office of Technology)
Yes	MS 16A.695: Public Ownership Required (as per Finance Dept.)
No	MS 16A.695: Use Agreement Required (as per Finance Dept)
No	MS 16A.695: Program Funding Review Required (by granting agency)
Yes	Matching Funds Required (as per agency request)
Yes	Project Cancellation in 2007 (as per Finance Dept)

Department of Administration Analysis:

Without a predesign document being submitted prior to the request it is not possible to evaluate the request further. The construction funding should be indicated in a future year biennia and phases defined.

Department of Finance Analysis:

Project is for design of renovation of Northrup Hall. There are a number of code and safety concerns at Northrup. Private fundraising will contribute to a portion of the capital costs of the project. The subsequent construction tail will be significant.

Under the "Project Costs" section, the amount the University has listed in "All Prior Years" is the amount of their funds they have spent on predesign for these projects.

Governor's Recommendation:

The Governor does not recommend funds for this project.

STATEWIDE STRATEGIC SCORE		
Criteria	**Values**	**Points**
Critical Life Safety Emergency - Existing Hazards	0/700	0
Critical Legal Liability - Existing Liability	0/700	0
Prior Binding Commitment	0/700	0
Strategic Linkage - Agency Six Year Plan	0/40/80/120	40
Safety/Code Concerns	0/35/70/105	35
Customer Service/Statewide Significance	0/35/70/105	70
Agency Priority	0/25/50/75/100	25
User and Non-State Financing	0-100	33
State Asset Management	0/20/40/60	20
State Operating Savings or Operating Efficiencies	0/20/40/60	0
Contained in State Six-Year Planning Estimates	0/25/50	25
Total	700 Maximum	248