

MINUTES OF THE MEETING
LONG RANGE PLANNING SUBCOMMITTEE
50TH LEGISLATIVE SESSION

The meeting of the Long Range Planning Subcommittee was called to order by Chairman Rep. Robert Thoft on February 3, 1987 at 8:00a.m., in Room 202B of the State Capitol.

ROLL CALL: All members of the Long Range Planning Subcommittee were present except Rep. Donaldson who was excused.

Tape 53:A:000

CAPITAL CONSTRUCTION PROGRAM

University System

Bill Lannon presented the Long Range Planning Subcommittee with a fact sheet (Exhibit #1) and gave an overview of the Univeristy System.

Montana Tech: (106)

Dr. Lindsey Norman, Montana Tech, said the college has over \$5 million in deferred maintenance. Dr. Norman stated the staff has been cut 20% and there will be a 16% cut in 1989 biennium monies. Dr. Norman said in order to be cost efficient, they will have to close two or three buildings.

Ed Ayres, Director, Physical Plant, said the college needs a fume hood system for chemistry department in order to meet laws regarding safety of the students. Mr. Ayres said if the chemistry department moves they still will need the fume hood system.

Mr. Ayres said the transformers in a basement vault of the Millurge Building are antiquated and must be replaced.

Mr. Ayres said the college needs a dust collection system for the carpenter shop because of health hazards. He stated one student is currently being treated for lung cancer but has not been linked to the dust from the carpenter shop.

Mr. Ayres said the biology department needs a sewage system for their greenhouse.

Mr. Ayres stated the roofs are in desperate need of repair.

Mr. Ayres said he would like a request of \$12,000 for an energy study for a subsidence problem on campus. Mr. Eaires said the there is a compaction problem with a utility

tunnel. He said it is cracked but the problem has apparently stopped for the time being.

Rep. Bardanouve asked how many buildings might be closed. Dr. Norman said it depends on the budget, but he foresees closing at least two buildings.

Rep. Bardanouve asked how much the attendance has dropped in the last three years. Dr. Norman said attendance in the past three years has dropped 200 students.

Western Montana College: (299)

Doug Treadway, President, Western Montana College, presented a worksheet to the Long Range Planning Subcommittee (Exhibit #2).

Mr. Treadway said the alarm system on campus is not centralized so therefore they do not know when one of the alarms are being set off in the buildings.

Mr. Treadway said the college needs a elevator in library because currently the handicapped students are being hand carried up and down the stairs.

Mr. Treadway stated they are doing roof maintenance to replacement because they are trying to make the roofs last as long as possible in order to save funds.

Jim McFerson, Director, Physical Plant, said they currently have to way no way to control the heat so when it gets too hot they open the windows, therefore wasting energy. Mr. McFerson said the funds for this portion of the project would come from oil over charge monies. Mr. McFerson said the control valve needs to be inside instead of outside in the valve control pit.

Mr. McFerson said the sidewalks are cracked and open causing tripping which opens the state to a considerable amount of liability so they need to be repaired.

Mr. McFerson said the exit doors and vestibule are needing to be replaced because they are used hundreds of times a day and are patched and cracking. One door to a dormitory literally fell off its hinges. Mr. McFerson said the vestibule needs to be closed off to limit the amount of cold air that comes in.

Sen. Aklestad asked how much was allocated in the 1985 Legislative Session for maintenance. Glen Leavitt said \$129,000 for maintenance. Tom O'Connell, Department of Administration, said the monies are appropriated to

Administration then are given to the colleges for proposed projects.

Sen. Aklestad asked how much do you spend a year on maintenance. Mr. Leavitt said \$680,000 a year.

Sen. Aklestad asked how old the buildings are on campus. Mr. O'Connell said from 100 years to 15 years old. Sen. Aklestad asked if the buildings are so old then why don't they already have the fire alarm systems. Mr. O'Connell said Western Montana College's first priority was to equip the buildings that have people in them at night with alarm systems, now that they have this done they want to complete the job with putting a centralized alarm system in the remainder of the buildings.

53:B:000

Mr. Treadway said these repairs will be necessary even if WMC is consolidated with the University of Montana.

Chairman Thoft asked if any of the building maintenance is being done with students fees. Mr. Treadway said no these are all instructional state funded facilities.

Rep. Bardanouve asked how the swimming pool project is proceeding. Mr. O'Connell said the Board of Regents has not yet approved the project but they do have the funds and designs to do the project.

Eastern Montana College: (102)

Bruce Carpenter, President, Eastern Montana College, said in the 1985 Legislative Session EMC was appropriated \$60,000 for capping parapet walls, and replacing windows, both of these projects are now completed.

Mr. Carpenter said four transformers contain PCB.

Mr. Carpenter stated the wheelchair lift in the education department is inadequate because of the increase in attendance of handicapped students.

Mr. Carpenter said the roof the Special Education building which was built in 1972 needs replacement.

Mr. Carpenter presented the Long Range Planning Subcommittee with a booklet titled Feasibility Study for Expansion of the Special Education Building (Exhibit #3). EMC would like to expand the Education building adding 9 more floors.

Mr. Carpenter said EMC needs funds to replace the bridge over a canal in front of the campus.

Ken Heikes, Vice President, Eastern Montana College, during the 1979 Legislative Session the decision was made to fund the operation and maintenance portion of the Physical Education building at EMC by state appropriation monies.

Mr. Heikes said asbestos is in the Physical Education building's 32,000/sq ft. ceiling. Mr. Heikes said the estimated cost of encapsulating the asbestos with a certain paint is \$95,000. Mr. Heikes said the facility is used 16 hours a day.

Rep. Bardanouve asked what the cost of the bridge renovation would be. Mr. Hikes said \$138,000.

Northern Montana College: (406)

Bill Merlin, President, Northern Montana College, said the college needs an exhaust system for the 12,000/sqft. mechanics building.

Mr. Merlin said the math and science buildings need new roofs.

Mr. Merlin said Cowan Hall, the main administration classroom building, needs modifications and renovations. He said the building was formerly a library and will be converted to a comprehensive testing area. Mr. Merlin said NMC needs to replace single paned windows. He also stated the multi-purpose tech. building that houses "middle tech" programs - agriculture, construction, drafting would be built under the auto-diagnostic building. (520)

Sen. Van Valkenburg asked if the Legislative Session in 1985 dealt with an exhaust system for NMC. Mr. O'Connell said yes but that exhaust system was for the auto mechanics area.

54:A:000

University of Montana:

Don Habbe, Vice President, Academic Affairs, UM, showed a chart for the Long Range Planning Subcommittee.

Asbestos Abatement	\$2,252,700
Safety and health	2,215,500
Heating and Cooling	1,738,300
Repairs and Renovation	1,102,100
Utilities and Grounds	964,400
Paint, Carpeting, and Drapes	309,800

Roofing	<u>270,700</u>
	\$8,853,500

Mr. Habbe presented a chart titled Proposed Business Administration Building.

Size - 104,600 sq. ft.
Cost - \$12,500,000
Construction - \$87 sq. ft.

Mr. Habbe said the proposed Bus. Admin. Bldg. would serve 22.2% of all UM undergraduates (1,549) and 11% of a 11 UM graduate student (80).

Mr. Habbe said the proposed Bus. Admin. Bldg. would have considerable economic impact on Montana. He said it would bring \$12,500,000 into Montana's economy. Mr. Habbe stated 200-300 new jobs will be created for two years, and there will be no cost to the state for the proposed building until 1997. Mr. Habbe said the current building was built in 1950.

Larry Gianchetta, Dean, Business Administration, UM, said the graduate program has a capacity of 80 students a year with many more qualified applicants interested. (137)

Nils Ribbi, Immuno Chemicals, said the company employes 35 people, but has to import workers from other states because of the lack of educated people in Montana available for work. Mr. Ribbi said he thinks it is important to expand the Business Administration Department since over 80% of the high school students are indicating a business administration major preference for college. (296)

Glen Williams, Vice President, Fiscal Affairs, UM, presented a chart for the Subcommittee on how to fund the proposed Business Administration Building. Mr. Williams said zero-coupon bond have no interest to pay until the bonds are due. He said the first payment for the proposed building would be in 1997, but now is an ideal time to start preparation because of the drop in interest rates and construction costs.

Rep. Bardanouve asked what the total cost of the interest would be. Mr. Williams said he did not have the figure with him.

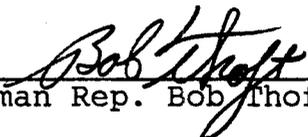
Mr. Williams presented a chart for the Subcommittee on the Main and Renovation project.

Roofs	\$ 167,500
Temperature Controls	282,000

Water and Stream Utility	
Lines	168,400
Art Annex Renovation	200,000
Science Complex	
Renovation	420,000
Handicapped Accesses	254,600
	<u>\$1,492,500</u>

Mr. Habbe presented a booklet for the Subcommittee (Exhibit #4).

ADJOURNMENT: There being no further business the Long Range Planning Subcommittee adjourned at 10:00 a.m.



Chairman Rep. Bob Thoft

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EXHIBIT 1
 DATE 2-3-87

Long Range Building Program Recap
Governor's Recommendation

<u>Project</u>	<u>UM</u>	<u>MSU</u>	<u>Tech</u>	<u>EMC</u>	<u>WMC</u>	<u>NMC</u>
Health/ Safety Fume Hoods			124,000			
Fire Alarm System		38,000			35,000	
PCB				20,000		
Roofs*	167,500	395,500	227,000	65,000	25,000	50,000
Handicap Access**				10,000	90,800	
Electrical Dist. Phase I		1,853,200***				
Exhaust System						50,000
Repair Projects					78,100	
Major Maintenance		160,000 (AES)				

*Additional \$60,000 to complete projects
 **Additional \$55,300 to complete projects
 ***\$623,900 - Other Funds
 \$1,229,300 - LRBP Funds

863H/1/22/87

<u>Units</u>	<u>Long Range Building Project Funds</u>	<u>Other Funds</u>
University of Montana	\$ 167,500	
Montana State University	1,662,800	
Ag Experiment Station	160,000	\$ 623,900
Montana Tech	351,000	
Eastern Montana College	95,000	
Western Montana College	228,900	
Northern Montana College	100,000	
Additional	<u>115,300</u>	<u> </u>
	\$2,880,500	\$ 673,900

863H/1/22/87

1504 - 1#
2-3-87

Long Range Building Program Recommendations

<u>Priority</u>	<u>Project</u>	<u>Unit Priority</u>	<u>Estimated Cost</u>
<u>Health & Safety</u>			
1	Eliminate PCB	(EMC - 1)	20,000
2	Health & Safety	(Tech - 1)	99,000
3	Exhaust System - Farm Mechanics	(NMC - 5)	50,000
4	Alarm System - Repair & Install	(WMC - 1)	35,000
5	Alarm System - Repair & Renovate	(MSU - 5)	38,000
6	Engineering Study - Tunnel Subsidence	(Tech - 3)	12,000
	Subtotal		254,000

Major Maintenance

7	Roofs - Montana University System		929,500
	Includes (Tech - 5)	227,000	
	(MSU - 2)	395,500	
	(EMC - 4)	65,000	
	(NMC - 10)	50,000	
	(WMC - 2)	25,000	
	(UM - 7)	167,500	
8	Heating Control - Old Main	(WMC - 3)	20,000
9	Temperature Controls	(UM - 14)	282,000
10	Exterior Doors & Vestibules	(WMC - 4)	14,000
11	Sidewalk Replacements	(WMC - 6)	48,100
	Subtotal		1,293,600

Renovations (Utility Systems)

12	Electric Loop <i>includes HPER 5' Stadium</i>	(Tech - 9)	370,000*	
13	Utilities	(UM - 12)	194,200 227,000*	32,800
14	Improve Electrical Distribution	(MSU - 3)	1,853,200	623,900
15	Control Valve & Steam Line Replacement	(WMC - 5)	124,300	
	Subtotal			2,500,200

* Amount may be reduced if project includes services to auxiliary enterprise buildings.

Long Range Building Program Recommendations

<u>Priority</u>	<u>Project</u>	<u>Unit Priority</u>	<u>Estimated Cost</u>
<u>Renovations & Additions</u>			
16	Art Annex	(UM - 20)	200,000
17	Window Replacement	(EMC - 6)	272,000
18	Cowan Hall	(NMC - 2)	214,500
19	Art Area Modifications	(EMC - 8)	55,000
20	Science Complex	(UM - 18)	420,000
21	Replace Windows - Cowan Hall	(NMC - 6)	150,000
		Subtotal	1,311,500
<u>Handicapped Accessibility Projects</u>			
22	Handicap Lift	(EMC - 2)	10,000
23	Accessibility & Mobility	(MSU - 8)	107,000
24	Building Modifications	(EMC - 2)	50,000
25	Miscellaneous Campuswide Projects	(UM - 10)	328,700
26	Library Elevator	(WMC - 8)	90,800
		Subtotal	586,500
		TOTAL excluding new construction	<u>5,945,800</u>

Long Range Building Program Recommendations
Unit Summary (Excludes New Construction)

<u>Unit</u>	<u>Unit Priority</u>	<u>Project</u>	<u>System Priority</u>	<u>Estimated Cost</u>
<u>UM</u>	7	Roofs	7	167,500
	14	Temperature Controls	9	282,000
	12	Utilities	13	227,000*
	20	Art Annex	16	200,000
	18	Science Complex Renovation	20	420,000
	10	Misc. Campuswide Projects	25	328,700
			Subtotal	
<u>MSU</u>	5	Alarm System - Repair & Renovate	5	38,000-
	2	Roofs	7	395,000
	3	Improve Electrical Distribution	14	1,853,200*
	8	Accessibility & Mobility	23	107,000
			Subtotal	
<u>MT Tech</u>	1	Health & Safety	1	99,000
	3	Engineering Study, Tunnel Subsidence	6	12,000
	5	Roofs	7	227,000
	9	Electrical Loop	12	370,000*
			Subtotal	
<u>EMC</u>	1	Eliminate PCB	1	20,000
	4	Roofs	7	65,000
	6	Window Replacements	17	272,000
	8	Art Area Modifications	19	55,000
	2	Handicapped Lift	22	10,000
	2B	Building Modifications	24	50,000
		Subtotal		472,000

* Amount may be reduced if project includes services to auxiliary enterprise buildings.

Long Range Building Program Recommendations
Unit Summary (Excludes New Construction)

<u>Unit</u>	<u>Unit Priority</u>	<u>Project</u>	<u>System Priority</u>	<u>Estimated Cost</u>
WMC	1	Alarm System		
		Repair & Install	4	35,000
	2	Roofs	7	25,000
	3	Heating Control, Old Main	8	20,000
	4	Exterior Doors & Vestibules	10	14,000
	6	Sidewalk Replacements	11	48,100
	5	Control Valve & Streamline Replacement	13	50,000
	8	Library Elevator	26	90,800-
		Subtotal		282,900
<u>NMC</u>	5	Exhaust System, Farm Mechanics	3	50,000
	10	Roofs	7	50,000
	2	Cowan Hall Renovation	18	214,500
	6	Cowan Hall Window Replacement	21	150,000
			Subtotal	
		TOTAL		<u>5,945,000</u>

New Construction - (Not prioritized)

Business Administration Building	UM	\$12,500,000
Engineering/Physical Science Building	MSU	18,000,000
General, Classrooms & Office Building	EMC	16,750,000

Comments:

There are three new buildings recommended by University of Montana, Montana State University and Eastern Montana College, respectively, that have merit. The regents may want to recommend all three, one, two, or add to the list. It is difficult to determine which one should be recommended over the others if only one project is to be the regents priority. The following comments may offer some assistance in that determination.

New Business Administration Facility, UM

1. Business Administration is the most popular major at the university. In the long run this popularity will continue.
2. The present building and the new facility house the Bureau of Business and Economic Research. This is the only research program of this nature in the university system. Existing space for the bureau is inadequate.
3. Some business faculty are scattered throughout the campus in houses that have been purchased over the years.
4. The present building is sound and can be used by other schools and departments. It would not be razed nor would it change its function. At some time it would need renovation to update the rooms and provide handicapped access.
5. Classroom deficiency indicated relates to the School of Business. Classrooms should not be constructed to belong to an individual department or school, but to the campus as a whole. On the whole, the university has a deficiency of classroom space, especially of the type they have included in this new structure. Also, the university does have on campus a number of outmoded and nonfunctional classrooms that should be replaced.

Engineering/Physical Science Building, MSU

As indicated on the Long Range Building Program form, this project will remodel existing space in Roberts Hall, Cobleigh Hall, Ryan Lab, AJM Johnson Hall and Gaines Hall, and provide about 70,000 square feet of new assignable space as follows:

1. modern and functional laboratory space
2. new classroom space
3. faculty offices and departmental offices
4. new research space

At the present time there are several overcrowded conditions in the Physics Building (ATM Johnson Hall) and the Chemistry Building (Gaines Hall). The crowded conditions exist in classrooms, class laboratories, and research labs. There is real concern for the health and safety of the occupants because of the space shortage. Ryan Lab and the equipment housed there are in need of modernization.

In addition, there is a need to improve the space and equipment in the College of Engineering Computer Science Department and the support services of computer science needs to be expanded and modernized if the university is to maintain the quality of instruction at the university.

The Board needs to determine its priority between instructional space versus research space.

Expansion of General Classroom and Office Buildings at EMC

Instructional space needs are driven by numbers of students and the numbers of faculty. From 1983 to 1985 Eastern Montana College's enrollment declined by 6%. Enrollment declines on the system campuses will continue until 1991 or 1992. Based on 1985 enrollments and faculty, there is still an instructional space deficiency but not as much as is indicated on the LRBP form.

Eastern Montana College used a planning standard of 1 micro/terminal for every 10 students with 60 square feet per terminal and for 5,000 FTE students. Depending on the future role EMC will have, these needs could be very different.

505H

WESTERN

MONTANA



COLLEGE

EXHIBIT 2
DATE 2/3/87
HB

LRBP

WMC

<u>Pages</u> <u>LRBP Book</u>	<u>WMC Req</u>	<u>Regent App</u>	<u>Gov's</u> <u>Priority</u>	<u>Gov App</u>	<u>Committee</u>
46-48	Alarm System	\$ 35,000	6	\$ 35,000	
56-59	Roof Maint	25,000	10	25,000	
	Heating Controls (Old Main)	20,000		20,000*	
	Ext Doors & Vest	14,000		* -0-	
94-96	Control Valve	50,000	24	50,000	
	Sidewalks	48,100	24	28,100	
	Arena Floor (100,770)	-0-		-0-	
69-71	Library Elevator	90,800	15	141,000	
U System					
227-230					

* ~~Coal Tax~~ DNRC

011 490 1307

EXHIBIT 3

DATE 2/3/87

HB _____

Eastern Mt. College

4
2/3/87

Contents

University of Montana
Long-Range Planning Committee Hearing
February 3, 1987

Economic Development: New Jobs

Proposed Business Administration Building

State of Montana: General Obligation Debt Service
(1987-2010)

Deferred Maintenance

Other maintenance projects

Brochure: "University of Montana/Proposed Business
Administration Building"

Economic Development: New Jobs

The University of Montana is a powerful force for economic diversification and renewal. Listed below are some new western Montana businesses, with ties to the University. All fall into one of three categories: 1) They are direct spinoffs from UM faculty research; 2) UM faculty members are helping them develop new products or processes; 3) they have publically stated that proximity to the University of Montana and one or more of its departments was a significant factor in their decision to locate in Western Montana.

<u>Firm</u>	<u>Founded</u> <u>or moved to w. MT</u>	<u>Employees</u>
Alternative Diagnostix	1985	1
ChromatoChem	1985	4
DataRite	1985	8
Desert Mountain Forest Products	1982	20-40
Education Logistics	1983	29
Ribi ImmunoChem	1981	35
RiboTech Inc.	1983	4
Tote Manufacturing	1984	2
Wood Science Labs Inc.	1984	2
Writing Software International	1983	9
Roadside Guides Inc/Mountain Press	1983	5
Total jobs		119-139

University of Montana

Proposed Business Administration Building

Scope:

Size	\$104,600 sq. ft.
Cost	\$12,500,000
Construction	\$87/sq. ft.

Houses:

- Bureau of Business and Economic Research
- Small Business Institute
- Business School administrative offices
- Business faculty offices
- 24 classrooms
- Study areas
- Behavioral science lab complex
- Computer area
- Room for growth of school

Serves:

- 22.2 % of all UM undergrads (1,549)
- 11 % of all UM grad students (80)

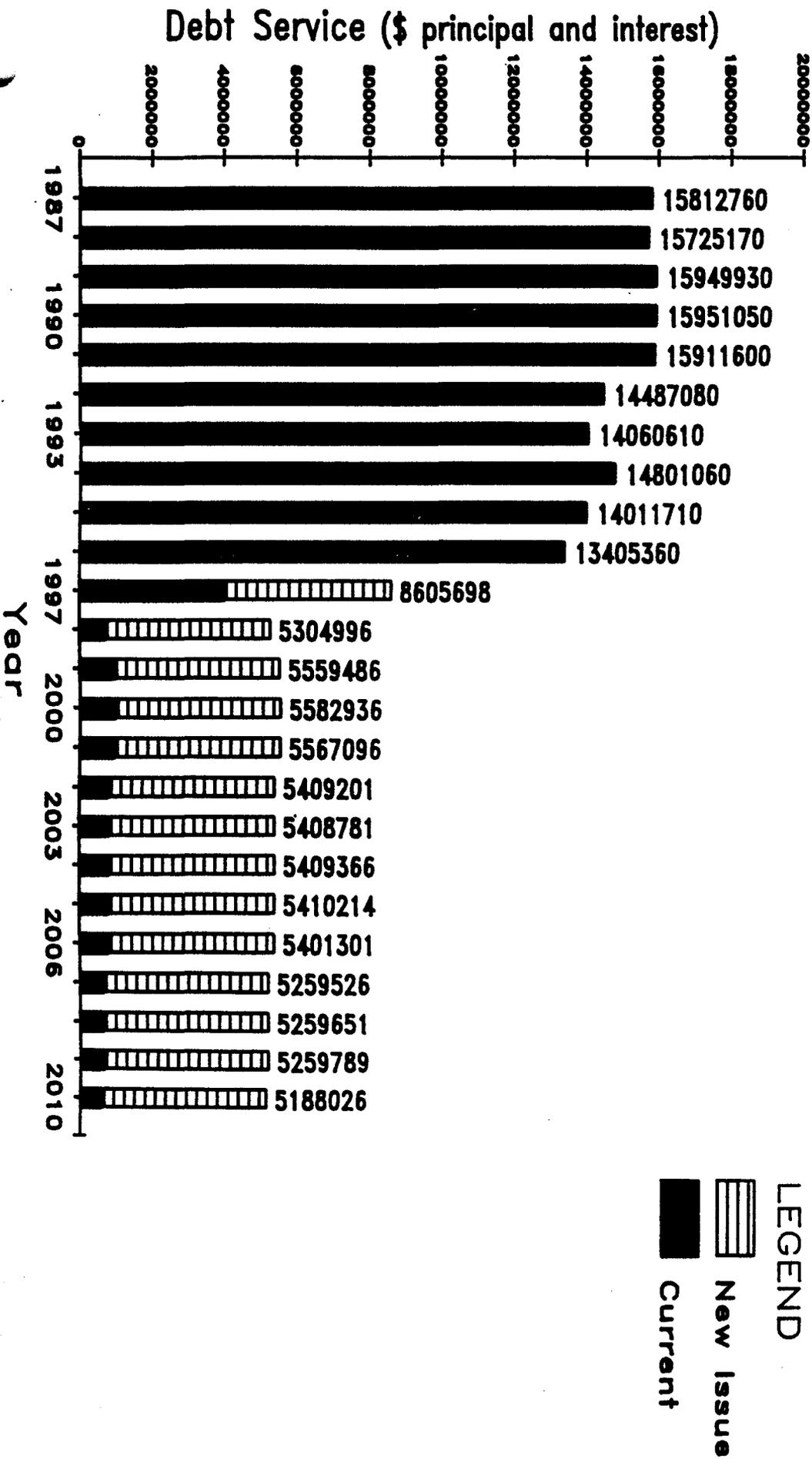
Economic Impact:

- \$12,500,000 into Montana economy
- 200-300 new jobs for two years
- No cost to state until 1997

State of Montana General Obligation Debt Service

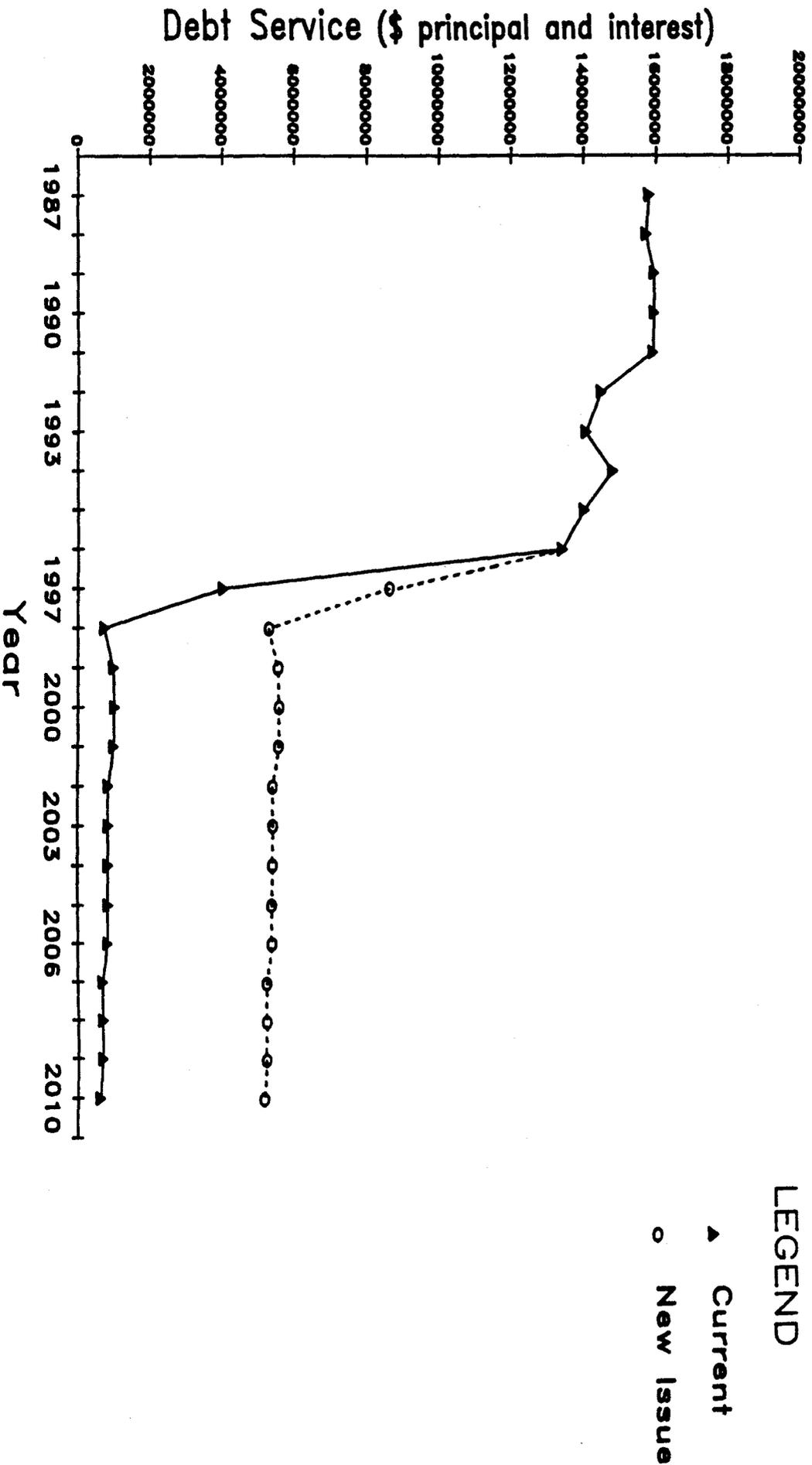
Fiscal Years 1987 to 2010

New Issue = \$30.5 million, 1st Payment 1997, 25 Year Maturity



State of Montana General Obligation Debt Service

Fiscal Years 1987 to 2010
New Issue = \$30.5 million, 1st Payment 1997, 25 Year Maturity



Source: Department of Administration Report 11/21/86 Budget:2/1/87 DebtSer

University of Montana

Deferred Maintenance

FY 86-87

Asbestos Abatement	\$ 2,252,700
Safety and Health	2,215,500
Heating and Cooling	1,738,300
Repair and Renovation	1,102,100
Utilities and Grounds	964,400
Paint, Carpet, & Drapes	309,800
Roofing	<u>270,700</u>
TOTAL	\$ 8,853,500

Maintenance and Renovation Projects

Roofs	\$167,500
Temperature Controls	\$282,000
Water and Steam Utility Lines	\$168,400
Art Annex Renovations	\$200,000
Science Complex Renovations	\$420,000
Handicapped Access	\$254,600
	<hr/>
Total maintenance and renovation projects	\$1,492,500

University of Montana

PROPOSED BUSINESS ADMINISTRATION BUILDING



VISITOR'S REGISTER

Long Range Planning

SUBCOMMITTEE

AGENCY(S) _____

DATE February 3, 1987

DEPARTMENT _____

NAME	REPRESENTING	SUP- PORT	OP- POSE
Bruce Carpenter	SMC		
DOUG TREADWAY	WMC		
John MacPherson	WMC		
SA Farkis	U of MT		
Hal Hanson	American Legion		
Donald Hable	Union of Militants		
MATTHEW THIEL	ASUM UOM		
William C. Melwin	Northwest Montana College		
LINDSAY NORMAN	Mont. Tech		

IF YOU CARE TO WRITE COMMENTS, ASK SECRETARY FOR WITNESS STATEMENT
 IF YOU HAVE WRITTEN COMMENTS, PLEASE GIVE A COPY TO THE SECRETARY.