

3. U. T. System: Authorization to Extend the Six-Year Capital Improvement Program Through Fiscal Year 1994 and Approval of Additional Permanent University Fund (PUF) and Institutionally Funded Projects. -- In

introducing the consideration of this item, Committee Chairman Moncrief noted that a long-range Capital Improvement Program for The University of Texas System was first adopted by the U. T. Board of Regents in October 1985. This followed voter approval of an amendment to the Texas Constitution which allowed Permanent University Fund (PUF) Bond Proceeds to be used at all component institutions for construction, repair and rehabilitation, land acquisition and the purchase of major equipment and library materials. At that time, the Board committed to revising and updating the program every two years. The last comprehensive revision and update was adopted in January 1987, although interim special adjustments to the plan have been made in response to specific unanticipated needs and opportunities.

In addition to a biennial revision and update of the comprehensive program, Chairman Moncrief continued, the Board committed to allocate annually, from special reserves, funds for major repair and rehabilitation projects and for equipment projects. Since that program was initially established in October 1985, the Board has allocated \$10,000,000 per year for repair and rehabilitation and another \$10,000,000 per year for equipment. Allocations for specific projects have been made at the same time that operating budgets have been approved. In each of the past two years, allocations for equipment have included allocations for library enhancement. In June 1986, the Board adopted a special library enhancement program as a part of the Capital Improvement Program.

The Capital Improvement Program adopted in October 1985, and revised in January 1987, was limited to projects funded in whole or in part from PUF Bond Proceeds. Capital improvement projects to be funded totally from other sources were considered by the U. T. Board of Regents on an individual basis although they derived from the same planning process as did PUF funded projects. For the first time, the currently proposed additions to the Capital Improvement Program incorporate formally into the program projects which will be funded from both PUF and from non-PUF resources.

Chairman Moncrief advised the Board that the proposed extension of the Capital Improvement Program through Fiscal Year 1994 was based on requests submitted by the institutions in November of 1988 and subsequently reviewed by System Administration. The Board was briefed by System officials and by component presidents on April 5, 1989, regarding individual projects and project priorities. Subsequent briefings were also held with the Finance and Facilities Committee, the Health Affairs Committee and with the full Board of Regents.

A. Allocation of PUF Bond Proceeds

- (1) Following the specific reaffirmation by the Health Affairs Committee of the PUF allocations to the four projects indicated by an asterisk (*) on Pages 38 - 39, the Finance and Facilities Committee recommended and the Board allocated PUF Bond Proceeds to the projects indicated below:

U. T. SYSTEM

FY 93 Reserve for Repair and Rehabilitation	\$10,000,000
FY 94 Reserve for Repair and Rehabilitation	10,000,000
FY 93 Reserve for Institutional Equipment and Library	10,000,000
FY 94 Reserve for Institutional Equipment and Library	10,000,000
Upgrade of Telecommunications Network	2,500,000

ACADEMIC

U. T. Arlington

Science Building, Phase I (Projected total project cost of \$12,500,000 includes \$2 million in gifts and grants and \$500,000 previously allocated from FY 88 PUF Repair and Rehabilitation Reserves)	10,000,000
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U. T. Austin

Molecular Biology Building (Projected total project cost of \$25,000,000 includes \$8,000,000 from Fee Reserves and \$4,000,000 from gifts and grants)	13,000,000
Animal Resources Center - Expansion (Projected cost of \$2.9 million includes \$1,000,000 from institutional funds)	1,900,000
Experimental Sciences Building Renovation (Funding for this \$16 million phased project includes \$2 million from gifts and grants and \$4 million from institutional sources)	10,000,000

U. T. Dallas

Renovation of Founders Annex and Berkner Hall (Funding for this \$2 million project includes \$1 million from gifts and grants) \$ 1,000,000

Renovation of Founders Building (Funding for the \$5.5 million project includes \$3 million in gifts and grants) 2,500,000

U. T. San Antonio

Campus Infrastructure, Phase I (Primary Electrical Service) 1,200,000

Advance Project Design-Academic Building Two 200,000

Small Animal Building 300,000

Asbestos Abatement (Emergency Project Previously Approved; Work in Progress) 400,000

Engineering and Biotechnology Building Phase II (This \$15,000,000 project was previously approved for funding entirely from PUF Bond Proceeds. The PUF bond requirement is reduced by substituting \$2.5 million in gifts and grants.) (2,500,000)

HEALTH

U. T. Southwestern Medical Center - Dallas

Development of North Campus - Buildings 1a and 1b. (Total projected cost of \$52,500,000 includes \$32,500,000 in gifts and institutional balances) 20,000,000

Development of North Campus - Buildings 2a and 2b--Advance Project Design only. (Total projected cost for this project is anticipated to be approximately \$67,800,000; \$20,000,000 in PUF Bond Proceeds to be allocated after 1994 and the remainder from revenue funding) 500,000

U. T. Health Science Center - Houston

Clinical Research Building (*) (Total projected cost of \$30,000,000 includes gift monies of \$12,500,000) 17,500,000

Ambulatory Care Center (*) (Total projected cost of \$20,000,000 with \$5,000,000 of PUF and \$15,000,000 of local funds.) Confirmation of earlier Level III approved project. confirmation of prior approval of \$5,000,000

U. T. Medical Branch - Galveston

Completion of Shelled Floors (Total projected cost is \$8,250,000 including \$4,125,000 from gifts and grants) \$4,125,000

U. T. M.D. Anderson Cancer Center

Clinic Remodeling - Phase III (*)
(Total project cost is \$21,600,000 for all three phases with \$5,000,000 of PUF and the remainder in local funds.) confirmation of prior approval of Level II approved project. \$5,000,000

U. T. Health Center - Tyler

Clinic Expansion and Family Practice (*)
(This clinic expansion and family practice project was included in the Capital Improvement Program by previous Board action. The PUF requirement is reduced by \$5,000,000. Total project cost is \$11,300,000 with \$5,000,000 of PUF and \$6,300,000 of local funds.) reduction of previously scheduled PUF funding (\$5,000,000)

Secretary's Note: Regents Beecherl and Moncrief emphasized that their concurrence with the \$5.0 million allocation of PUF resources to the Clinic Expansion and Family Practice project at the U. T. Health Center - Tyler was to fund the educational/medical teaching component of the facility and that the funding for the patient care activities would need to be developed from local resources. Regent Blanton noted that the Board would have additional opportunities to satisfy itself regarding the funding sources for this project as the planning process continues through its several phases.

- (2) Following presentations by Dr. Gerhard Fonken, Executive Vice-President and Provost of U. T. Austin and Chairman of the Executive Committee for the U. T. System Center for High Performance Computing, and Dr. Norman Hackerman, a distinguished scientist and former president of U. T. Austin and Rice University, the Board strongly endorsed the need for the U. T. System to maintain and enhance its supercomputing capability to serve the needs of its academic and research missions.

Recognizing that such a commitment would require an ongoing and substantial amount of fiscal resources, the Board instructed the System Administration to review all possible methods to fund this continuing requirement and to bring alternatives to the Board for consideration.

To allow for planning to continue for the possible acquisition of a new supercomputer in Fiscal Year 1991 or 1992, Regent Blanton indicated that the Board should make a commitment against the PUF and moved that the allocation of \$25,500,000

from Permanent University Fund Bond Proceeds for Fiscal Year 1991 remain in the plan as alternative methods of financing were being reviewed and analyzed. Regent Ramirez seconded the motion, which prevailed by a vote of 7 to 2; the negative votes being cast by Regents Beecherl and Moncrief. Thus, for the Capital Improvement Program, the PUF allocation was:

Upgrade of U. T. System Center
for High Performance Computing \$25,500,000

- (3) Following considerable discussion regarding the ability of the San Antonio community to contribute to the construction cost of Academic Building One at U. T. San Antonio, Regent Loeffler moved that the PUF Bond Proceeds allocation to this project be \$16,475,000 as set forth in the Supplemental Material dated Revised June 5, 1989. The motion was seconded by Regent Blanton and was approved by a vote of 7 to 2, with Regents Beecherl and Moncrief voting against the motion. Thus, for the Capital Improvement Program, the PUF allocation was:

U. T. San Antonio:
Academic Building One \$16,475,000

TOTAL NET ADDITIONS TO THE PROGRAM \$159,600,000

B. Allocations for Institutionally Funded Projects

Upon recommendation of the Finance and Facilities Committee and without objection, the Board approved the projects listed below for funding from the sources indicated:

	<u>Project Amount</u>	<u>Project Funding Source</u>	<u>Operating Funding Source</u>	<u>Earliest Starting Date</u>
(1) Projects funded by gifts and grants designated for specific purposes				
<u>U. T. Austin</u>				
Center for Electromechanics Expansion	\$1,170,000	U. S. Army	U. S. Army	Sept. '89
<u>U. T. Dallas</u>				
New Cecil and Ida Green Institute	2,300,000	Gifts	End. Inc.	Jan. '91
<u>U. T. Medical Branch - Galveston</u>				
Sealy Conf. Ctr. Renovation	3,500,000	Gifts	Conf. Inc.	June '91
New Student Activities Bldg.	<u>2,850,000</u>	Gifts	Student Fees	Sept. '89
Subtotal	\$ 9,820,000			

	<u>Project Amount</u>	<u>Project Funding Source</u>	<u>Operating Funding Source</u>	<u>Earliest Starting Date</u>
(2) Projects Funded by Sealy & Smith Foundation Grants (These are restricted to Hospitals and Clinics at U. T. Medical Branch - Galveston.)				
Emergency Generators	\$ 4,000,000	Fdn.	Hosp. Inc.	Aug. '89
Remodel 1st Fl. Admin. Bldg. - Scanner	1,275,000	Fdn.	Hosp. Inc.	June '89
Remodel 1st Fl. Sealy, 3rd Fl. McCullough, 3rd Fl. Clin. Sci.	10,000,000	Fdn.	Hosp. Inc.	March '90
Remodel Graves Building	3,800,000	Fdn.	Hosp. Inc.	March '90
Remodel 2nd Fl. Clin. Science	<u>5,000,000</u>	Fdn.	Hosp. Inc.	June '89
Subtotal	\$24,075,000			

(3) Projects funded by Income from Auxiliary Enterprises

U. T. Austin

New Parking Garage #2	\$ 4,015,000	Rev.Bonds	Park.Fees	July '90
Erwin Center Exterior	750,000	Aux.Resrv.	None	Jan. '91
Texas Union Renovation	8,000,000	Aux.Resrv.	None	June '89
Replace Marine Sci. Visitors Quarters	190,000	Sale of Old Bldg.	Rental Inc.	Jan. '90

U. T. San Antonio

Student Apts.	1,750,000	Rev.Bonds	Rental Inc.	June '89
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U. T. Health Science Center - San Antonio

New Park. Garage	4,500,000	Rev.Bonds	Park. Fees	June '89
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U. T. M.D. Anderson Cancer Center

New Rotary House	29,000,000	Rev.Bonds and Gifts	Rental Inc.	June '90
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U. T. Health Center - Tyler

New Medical Resident Housing	<u>487,500</u>	Gifts	Rental Inc.	Oct. '89
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Subtotal \$48,692,500

	<u>Project Amount</u>	<u>Project Funding Source</u>	<u>Operating Funding Source</u>	<u>Earliest Starting Date</u>
(4) Projects funded from Other Institutional Sources				
<u>U. T. Austin</u>				
New Spectro- scopic Survey Telescope	\$6,000,000	AUF, Gifts Grants	NSF Grants, Educational and General	April '90
Purchase of Ofc. Building	2,000,000	Des. Fund Balance	Educational and General	Sept. '90
Texas Swim Ctr. Repairs	1,000,000	Plant Funds	None	March '92
Communications Bldg. Repairs	1,000,000	Gen. Fee Balance	None	July '91
<u>U. T. San Antonio</u>				
New Tennis Building	100,000	Plant Funds	Student Fees	June '89
<u>U. T. Medical Branch - Galveston</u>				
Remodel Old Shriners	12,720,000	Gifts and Grants	Res. and Hospital Income	Sept. '92
<u>U. T. Health Science Center - San Antonio</u>				
Central Energy Plant Expansion	8,700,000	Rev. Bonds	Util. Inc.	June '89
<u>U. T. M.D. Anderson Cancer Center</u>				
New Bertner Street Bldg.	49,500,000	Rev. Bonds	Hosp. Inc.	Jan. '90
Renovate Private Room Wing	<u>1,000,000</u>	Educ. and Gen. Bal.	Educational and General	Sept. '89
Subtotal	\$ 82,020,000			
TOTAL	<u>\$164,607,500</u>			

C. With respect to the continued implementation of the Capital Improvement Program, the Board authorized the U. T. System Administration, in consultation with the component institutions, to proceed with planning for these and previously authorized projects and to bring recommendations to the U. T. Board of Regents for funding approval via the appropriate annual capital budget based on performance of the PUF, on the development of academic and research programs upon which these projects are predicated, and on other appropriate considerations. Individual project

recommendations with regard to the appointment of architects, approval of architectural plans, and award of construction contracts for individual projects will be in accordance with usual Board approval procedures via the agenda or docket, as appropriate.

For the record, the history of the Capital Improvement Program is summarized in two ways:

Attachment One (Pages 52 - 53) presents the Capital Improvement Program by project and fund source as authorized at this meeting to be effective through Fiscal Year 1994. This attachment does not include previously approved Capital Improvement Program projects which are completed or under contract.

Attachment Two (Pages 54 - 55) presents the history of the Capital Improvement Program since its inception in October 1985, as it relates to projects funded in whole or in part from PUF Bond Proceeds. This attachment includes the allocations made at this meeting.

To complete this Minute Order, there follows on Pages 43 - 51 a brief description of each of the PUF and institutionally funded projects which were added to the Capital Improvement Program by the actions at this meeting.

Permanent University Fund Projects

For Fiscal Years 1993 and 1994, the Repair and Rehabilitation Reserves and the Equipment and Library Collection Reserves will be continued at \$10,000,000 each. Specific allocations from these reserves for Repair/Rehabilitation and Library/Equipment will be recommended at the same time that FY 1990 Operating and Capital Budgets are submitted for approval.

U. T. System's Supercomputer project will set aside funds for major upgrades of the Center for High Performance Computing. In order to maintain a state-of-the-art research computing environment, a major upgrade should be planned every three to five years. The present computer, a CRAY X-MP/24, was acquired in 1985.

U. T. System's Telecommunications project will set aside \$2.5 million to acquire microwave dishes, video codecs, digital multiplexors, telephone interfaces, and high capacity data routers to complete the implementation of an integrated telecommunications network for the U. T. System component institutions. With the completion of this project, institutions will be able to call any number within the metropolitan area of any other component institution for a small fixed monthly charge, independent of the number of calls made. Academic and administrative data communications capability will be enhanced and compressed digital two-way closed circuit television will be provided.

U. T. Arlington's Science Building Phase I will consist of a 50,000 gross square foot addition to the 1949 Science Building. This new facility will solve a serious building maintenance problem, address a potential health hazard, support research generated by newly authorized Ph.D. programs in Chemistry and Physics, and provide additional facilities to position the institution to benefit from the probable construction of the Superconducting Super Collider.

U. T. Austin's Molecular Biology Building will promote one of the institution's highest strategic goals by providing space for the development of a teaching and research program in molecular biology. U. T. Austin has a documented deficiency of assignable research space of approximately 350,000 square feet. Based on a very conservative extrapolation of current trends, this deficit may be as high as 1,500,000 square feet by the year 2000. Molecular biology is presently spread out among six buildings, and the lack of modern space dedicated to this discipline is a major factor underlying the institution's inability to fill any of the six endowed chairs.

U. T. Austin's Animal Resources Center consists of a 20,000 square foot expansion of the existing facility. This expansion will position the institution to seek accreditation by the Association of Accreditation for Laboratory Animal Care by closing several nonaccreditable satellite locations. It will also add to the institution's overall laboratory animal capacity in support of the molecular biology program.

U. T. Austin's Experimental Science Building Renovation will provide funds for the phased renewal of a 1951 era building presently serving as the prime locale of research in the biological sciences. This renovation project will be coordinated with the construction of the Molecular Biology Building. The \$10 million from PUF Bond Proceeds allocated to this project will be matched by \$2 million from gifts and grants and \$4 million from institutional sources.

U. T. Dallas' Renovation of the Founders Annex and Berkner Hall will adapt these facilities to current teaching and research programs (including undergraduate engineering instruction), recapture at least 8,000 square feet of halls and corridors, bring the facilities into compliance with modern life safety codes, and improve energy efficiency. The remodeling work will be scheduled for completion at or about the same time as completion of the new engineering building in order to meet engineering, teaching and research needs in a coordinated manner.

U. T. Dallas' Renovation of the 25 year-old Founders Hall will be phased to commence upon completion of the Berkner Hall and Founders Annex renovation. About 6,900 square feet of assignable space will be added, and life safety codes will be met. Most mechanical systems in this science building will be replaced.

U. T. San Antonio's Campus Infrastructure, Phase I project will begin expanding the campus infrastructure, including roads, power and power distribution, water and sewer, in order to accommodate a predicted 40% expansion in the amount of education and general use space which will be needed over the next twelve years.

U. T. San Antonio's Academic Building One will partially correct a documented shortage in teaching space. U. T. San Antonio is the most crowded public university in the State, with only 65% of the space indicated by the Coordinating Board's space standard and with an additional need projected by the U. T. System's space model of 146,000 assignable square feet in 1988 (after completion of the Phase I Engineering and Biotechnology Building) and a projected deficiency of 287,000 by the year 2000. Academic Building One (76,000 assignable square feet) will provide general purpose classroom and faculty office space for humanities and business.

U. T. San Antonio's Advance Project Design-Main Campus will provide funds for preliminary planning for a second academic building. This building will be needed to meet space deficiencies that will exist even with completion of Academic Building One and the Science and Engineering Expansion (currently designated as Engineering and Biotechnology Building, Phase II).

U. T. San Antonio's Small Animal Building will enable the institution to correct several serious deficiencies, including lack of an adequate cage washing area, absence of a quarantine area, and absence of a segregated area for food storage.

U. T. San Antonio's Asbestos Abatement project consists of reimbursement for unexpected expenses that were incurred in the process of renovating the U. T. Institute of Texan Cultures - San Antonio.

U. T. Southwestern Medical Center - Dallas' North Campus Phase I consists of an energy distribution systems building and an eight-story, 300,000 gross square foot research building. The \$20 million PUF allocation will be matched with \$10 million in gifts and \$22.5 million in institutional balances. This facility is needed because of recent trends in research growth which leave the U. T. Southwestern Medical Center - Dallas with a present deficiency of more than 300,000 square feet in assignable research space and a projected deficiency of more than 1.2 million square feet by the year 2000. This facility will be the first stage in constructing U. T. Southwestern Medical Center - Dallas' North Campus.

U. T. Southwestern Medical Center - Dallas' North Campus Phase II consists of an eleven-story 330,000 gross square foot research building and a 90,000 gross square foot research support facility. The program approves \$500,000 in PUF Bond Proceeds for advance project design only for a project that will ultimately require \$20 million in PUF and approximately \$47.8 million from other institutional sources.

U. T. Health Science Center - Houston's Clinical Research Building will partially remedy a documented shortage of assignable research space and provide facilities to support new initiatives to develop clinical applications of biotechnology aimed at prevention and better treatment of disease. This 256,000 gross square foot facility will be located in the Texas Medical Center and will be financed by \$12.5 million in gifts and grants as well as \$17.5 million in PUF Bond Proceeds.

U. T. Medical Branch - Galveston has under construction a \$25 million Medical Research Building, including floors five through seven as shell space. This project is scheduled for completion in 1991. The U. T. Medical Branch - Galveston also has a documented shortage in research space exceeding the amount of space to be added through this new facility. Completion of the shelled floors will assist in overcoming this shortage and will support clinical, academic, and research programs in neurosciences and other critical areas.

Institutionally Funded Projects

Projects Funded by Gifts and Grants Designated for Specific Purposes:

U. T. Austin's Center for Electromechanics - Expansion has been recognized by the U. S. Army as a Center of Excellence. To continue the work on contracts and grants already awarded, expansions consisting of a covered storage facility of 14,300 gross square feet at an estimated cost of \$300,000; a low bay laboratory extension of 2,300 gross square feet at an estimated cost of \$120,000; and an extension of the high bay laboratory and craneway to cover the Down Range and the new Spin Test Facility, 6,800 gross square feet at an estimated cost of \$750,000 are needed. The total estimated cost is \$1,170,000. Financing of the construction will be under an agreement with the Department of the Army whereby the University will provide advance funding to be amortized by a special use allowance.

U. T. Dallas' Cecil and Ida Green Institute for the Study of Science and Society will serve as an archive for the papers, books, slides and other memorabilia of Cecil and Ida Green, as well as a general lecture area, operations center and faculty

commons area where general group meetings can be held. The cost of the 10,000 gross square foot facility will be approximately \$2,300,000, to be funded entirely by private gifts.

U. T. Medical Branch - Galveston's Sealy Conference Center Renovation will convert the 19th Century Sealy Mansion into a facility to support continuing medical education. This mansion was given to U. T. Medical Branch - Galveston upon the death of Mr. Robert Sealy in 1979. The present on-campus learning center cannot serve the current requirements for conferences, continuing education and professional meetings. The renovation of the Sealy Mansion will accommodate simultaneous meetings for groups ranging from 10 to 100 by providing flexible conference rooms supported by modern audio and video technology. This repair and rehabilitation project will be financed out of a Sealy & Smith Foundation grant, and the Conference Center operations will be financed out of conference income.

U. T. Medical Branch - Galveston's Student Activities Building will serve the institution's more than 2,000 students and post-doctoral trainees. There is no community center at present and this facility will include a large gathering space, offices for student government and student financial aid, study areas, food services, lockers, mail boxes and activity space. The facility will be paid for from Sealy & Smith Foundation grants and operated out of student fee revenues.

Projects Funded By Sealy & Smith Foundation Grants:

U. T. Medical Branch - Galveston's project to Remodel the first floor north addition for a whole body scanner (Phase II) will provide offices and laboratories to support the whole body irradiator, the cyclotron and the whole body counter. This facility will support clinical research in priority important areas, including nutrition and osteoporosis.

U. T. Medical Branch - Galveston has put together a \$10 million phased remodeling project captioned, "Remodel John Sealy Building (1954 Sector), 1st floor John Sealy Building, 3rd floor McCullough Building and the 3rd floor Clinical Sciences Building." This project represents the fifth phase of remodeling the 1954 John Sealy Building and covers areas that have not been remodeled since 1954. The mechanical, plumbing and electrical systems need modernization and the facilities must be redesigned to meet life safety codes. Remodeled space will house activities such as the expansion of the Blood Bank and the blood donor areas; office and research laboratories for the Department of Obstetrics and Gynecology; and office and research laboratories for the Department of Ophthalmology.

U. T. Medical Branch - Galveston's remodeling of the 2nd and 4th floors of the Graves Building (\$3.8 million) will complete the ongoing renovation of the former psychiatric hospital. Other parts of

the building were renovated in 1982 upon the completion of the new psychiatric hospital. This latest remodeling project will provide space for various teaching, research and administrative functions within the Department of Psychiatry.

U. T. Medical Branch - Galveston's partial remodeling of the 2nd floor Clinical Sciences Building and the 2nd floor John Sealy Building (1954 Sector) will accommodate a CT Scanner and a new Magnetic Resonance Imaging unit. Four million dollars of the \$5 million requested for this project will be used to purchase imaging equipment, and the remaining \$1 million will finance the remodeling.

U. T. Medical Branch - Galveston's purchase and installation of four emergency generators will serve the new Medical Research Building, the John Sealy Building (1954 Sector), the Jennie Sealy Hospital and the Waverley Smith Pavilion. This project is reflective of a new strategy to provide one large source of emergency power rather than an emergency generator for each building. This strategy will be more cost effective, both in construction costs and personnel requirements in the event of an emergency.

Projects Funded by Income from Auxiliary Enterprises:

U. T. Austin's Parking Garage No. 2 will be located one block west of the main campus at the site of Parking Lot 28, southwest of Walter Webb Hall on San Antonio and Nueces Streets. The facility will have six levels with 684 parking spaces, a net increase of 604 spaces. Twenty percent of the \$4,015,000 estimated construction cost will be provided by the University from Auxiliary Enterprise reserves with the remaining cost to be provided by a bond issue funded from parking permits.

U. T. Austin's Erwin Center Exterior and Plaza Restoration project will correct leaks which, if not corrected, will lead to continuing and accelerated deterioration of the building structure. The plazas and the exterior vertical shell of the entire building need to be waterproofed and recaulked. The estimated cost of \$750,000 will be paid from Auxiliary Reserves.

U. T. M.D. Anderson Cancer Center's Jesse H. Jones Rotary International Facility will provide housing for patients and their families at moderate rates. Some clinical services will also be provided. An updated feasibility study was recently authorized by the U. T. Board of Regents as well as a revision of preliminary plans. This \$29 million facility will be constructed from a combination of gifts and revenue bonds and will be operated from the income it generates.

U. T. Austin's Texas Union Building Renovation project is based upon the results of an engineering survey. The survey concluded that all electrical and mechanical systems should be replaced. Many of the systems are original to the 1933 building.

In addition to replacement of electrical and mechanical systems, asbestos must be removed from the structure. The total estimated cost of the renovation is \$8 million. The students have voted in favor of a \$16 increase in the student fee to cover the cost of the renovation.

U. T. Austin's Visitors Quarters for the Marine Science Institute, Port Aransas, will enhance the Institute's ability to attract top visiting research scientists. This visitor housing is necessary because of the extremely high rental prices during the summer months due to the vacation area nature of the community. The proposed building is a four-plex of 3,200 gross square feet. The estimated cost is \$190,000. Project funds are anticipated from the sale of Lund House, an older two-story beach home located in a good neighborhood near the U. T. Marine Science Institute campus. It was donated to the University in 1970 by Dr. E. J. Lund, the first director of the U. T. Marine Science Institute.

U. T. San Antonio's Student Apartments to be constructed will have an initial capacity of 160 students. Five buildings with eight units in each will house four students per unit. These apartments will be located on the east side of the main campus. It is anticipated that the rental rate will be \$950-\$1000 per student per semester. Assuming 90% occupancy, each of the forty units should generate revenue of approximately \$650 in excess of debt service and expenses each academic year, excluding the summer. Construction will be financed from revenue bonds.

U. T. Health Center - Tyler plans to construct three additional housing units for medical residents. By 1991 the number of full-time medical residents in Family Practice will exceed the available housing. These units will be financed from private gifts.

Projects Funded from Other Institutional Sources:

U. T. Austin's Spectroscopic Survey Telescope will be housed in a building constructed on available land at McDonald Observatory. The Astronomy Departments of U. T. Austin and The Pennsylvania State University have developed a unique design for the construction of a very powerful spectroscopic telescope at a fraction of the cost of a conventional single mirror telescope. Component mirrors and frames have already been constructed and tested at Penn State. The total cost of \$6,000,000 will be shared equally by U. T. Austin and The Pennsylvania State University. The \$3,000,000 share from U. T. Austin will include \$1,500,000 from the Available University Fund and \$1,500,000 from gifts and grants.

U. T. Austin's Rehabilitation of the Texas Swim Center is necessary to prevent further deterioration to the world-class swimming facility caused by migration of water between the pools. This

water migration is placing the structural integrity of pools and the building in jeopardy. Rehabilitation of the twelve-year old facility contemplates replacement of all tile surfaces inside the pools, repairs to the viewing windows, replacement of the stainless steel bulkhead rails, waterproofing of the pool walls and floors, repairs to existing steel reinforcing rods, concrete patching, replacement of the rim flow tile systems, and waterproofing of the surge gutter. The estimated cost of \$1,000,000 will be paid from Plant Funds.

U. T. Austin's Replacement of the Exterior Skin on Communications Building B will correct deterioration of the corten steel cladding of the building. The cladding was intended to be a maintenance-free surface. This has not proved to be the case. The building was completed in 1973. Deterioration of steel cladding was noted in the late 1970's. The cladding has continued to deteriorate. The \$1,000,000 estimated cost of replacement will be paid from General Fee Balances.

U. T. San Antonio's New Tennis Building will consist of a single story concrete block structure of 1,130 square feet housing a small office, storage space and a monitoring station for control of personnel utilizing the ten lighted championship courts. Also included will be men and women's restrooms. Currently, no facilities are available to monitor access to or utilization of the courts or to store practice equipment and supplies. Additionally, no restroom facilities are available in the immediate area when the main campus buildings are closed. The project cost of \$100,000 will be funded from Plant Funds.

U. T. Austin's Acquisition of a General Purpose Office Building will allow the University to house some of the several departments and research groups now leasing approximately 85,000 square feet off campus. There is also a need for additional general purpose office space on or in immediate proximity to the campus. Implementation of this project will depend on the University's ability to negotiate an attractive price. The estimated project cost of \$2,000,000 will be paid from Designated Fund Balances.

U. T. Health Science Center - San Antonio needs to expand the Central Energy Plant that it shares with the Veterans Administration (VA) and Medical Center Hospital. This \$8.7 million project will add chillers, cooling towers, pumping and electrical equipment as well as an expansion of the building to house the new equipment. The plant's peak load last summer of 10,320 tons of chilled water approached the plant's total capacity of 12,000 tons and required that all four chillers operate simultaneously. Projects completed since last summer and projects under construction will add another 1,200 tons to the system. The U. T. Health Science Center - San Antonio is already using part of the reserve capacity allotted to the VA and Bexar County. A phased project is envisioned, with the first phase costing \$2.6 million. The source of financing will be revenue bonds, although a renegotiation of the contract with Lone Star Energy Corporation is an alternative.

U. T. M.D. Anderson Cancer Center is planning a major two-phased expansion of its physical plant. Phase I will be a multipurpose facility to be named the "Bertner Street Building." It will contain research space for the clinical divisions and departments and will also house new operating rooms, pathology service laboratories, radiation therapy, and an MRI facility. It will also contain an enhanced Learning Resource Center. The U. T. M.D. Anderson Cancer Center's external research support has increased by 83% over the past five years and the number of patients involved in clinical research has almost tripled. New research facilities are needed to support both basic and clinical research in order to continue progress in the "bench to bedside" concept by rapidly bringing laboratory research findings to patients. The Bertner Street Building will also correct deficiencies in the 35 year-old surgery facility.

U. T. M.D. Anderson Cancer Center plans to convert into a private nursing wing with 12 private rooms with special enhanced amenities. This project will support the institution's efforts to enhance revenue. Market research has been conducted to support the need for this facility and to determine its cost-effectiveness. The \$1 million for this project will come from patient revenues.

U. T. Medical Branch - Galveston's remodeling of the former Shriners Hospital can commence upon the projected 1992 completion of the new Shriners Hospital and the deeding of the former facility to U. T. Medical Branch - Galveston. This facility was constructed in 1966, and the University Long Range Planning Committee is identifying various academic, clinical and research programs that will be moved into this facility after it is remodeled. It is envisioned that clinical research will be the major use of this facility.

TOTAL CAPITAL IMPROVEMENT PLAN
 PUF AND INSTITUTIONAL FUNDS
 CURRENTLY PLANNED AND PROPOSED ADDITIONS
 (EXCLUDES PROJECTS UNDER CONTRACT OR COMPLETE)
 JUNE, 1989

ATTACHMENT ONE

	Total Cost	PUF Funds	Gifts/Grants	Institutional	Revenue Bonds	Hospital Inc	Other	Start Date
UT ARLINGTON								
Science Building—Phase I	\$12,500,000	\$10,000,000	0	\$2,000,000			\$500,000	1990
UT AUSTIN								
Molecular Biology Building	25,000,000	13,000,000	0	4,000,000	8,000,000			1990
Animal Resource Center	2,900,000	1,900,000	0		1,000,000			1991
Experimental Science Bldg	16,000,000	10,000,000	0	2,000,000	4,000,000			1991
Andrews & Kinsolving Dorms—Phase 2	2,982,288						2,982,288	1988
Applied Research Lab—Science Bldg	3,500,000			3,500,000				1990
Energy Conservation	4,437,834			4,437,834				1988
Center for Electromechanics	1,170,000			1,170,000				1989
Spectroscopic Survey Telescopes	6,000,000			4,500,000	1,500,000			1990
Purchase of Office Building	2,000,000						2,000,000	1990
Texas South Center Research	1,000,000			1,000,000				1990
Erwin Center Extension	750,000						750,000	1990
Community Center Building Repair	1,000,000						1,000,000	1992
Parking Garage Number Two	4,015,000				4,015,000			1990
Texas Union	8,000,000				8,000,000			1989
Marine Sciences Inst, Veterans Quarters	190,000						190,000	1990
UT, DALLAS								
Animal Care Facility (Emergency)	515,000		400,000	A		118,000		1989
Engineering & Computer Science Bldg	20,000,000		17,500,000	A	2,500,000			1990
Renov. of Founders Annex & Bertner	2,000,000		1,000,000	0	1,000,000			1990
Renovation of Founders Building	5,500,000		2,500,000	0	3,000,000			1992
Coak and McQueen Institute	2,300,000			2,300,000				1990
UT, EL PASO								
Geological Sciences Building	8,800,000		8,800,000	A				1989
UT, SAN ANTONIO								
Engineering & Biotechnology Building Phase II	15,000,000		12,500,000	A	2,500,000			1993
UT, TYLER								
U. Central Arts Complex	17,000,000		12,000,000	A	4,000,000	1,000,000		1993
SOUTHWESTERN MEDICAL CENTER								
Dev. of North Campus—Phase I	52,500,000		20,000,000	0	10,000,000	22,500,000		1991
Dev. of North Campus—Phase II	48,300,000		500,000	0	25,000,000	22,800,000		1994
Expansion of Aston Center	20,000,000					20,000,000		1989
Completion of 8th Floor—Green Biomed	2,600,000			2,600,000				1989
Chemical Storage Building	350,000				350,000			1990
Regulated Waste Disposal System	650,000				650,000			1990
Student Service Building	5,800,000				5,800,000			1991
GALVESTON MEDICAL BRANCH								
Completion of Shelter Floors	8,250,000		4,125,000	0	4,125,000			1994
John Seay—ER & Trauma Center	28,071,400			28,071,400				1990
Renovation of Keller Building	10,250,000			10,250,000				1990
John Seay—Watersly Smith Pavilion	7,500,000			7,500,000				1990
Renovate Brackenridge Hall	2,500,000			2,500,000				1990
Seay Conference Center	3,500,000			3,500,000				1991
Student Activities Building	2,850,000			2,850,000				1991
Emergency Generators	4,000,000			4,000,000				1991
Rem. 1st Floor Adm.—Body Scanner	1,275,000			1,275,000				1990
1st Floor Seay, 3rd Floor McCullough,								
3rd Floor Clinical Sciences	10,000,000			10,000,000				1990
Remodel 2nd Floor Building	3,800,000			3,800,000				1990
Remodel 2nd Floor Clinical Sciences	5,000,000			5,000,000				1990
Renovate Former Shriners Hospital	12,720,000			12,720,000				1994
HOUSTON HEALTH SCIENCE CENTER								
Ambulatory Care Facility	20,000,000		5,000,000	B		15,000,000		1993
Clinical Research Building	30,000,000		17,500,000	D	10,000,000	2,500,000		1994
Surface Parking Facility	1,300,000					1,300,000		1990

	Total Cost	PUP Funds	State Bonds	Donations	Revenue Bonds	Medical	Other	FY
SAN ANTONIO HSC								
Air Intake System	3,710,000	3,710,000	A					1988
Parking Garage	4,500,000				4,500,000			1990
Expansion of Central Energy Plant	8,700,000				8,700,000			1990
MD ANDERSON CANCER CENTER								
Learning Resources Center, Banner								
Street Building	55,000,000	1,500,000	A	28,500,000	5,000,000	20,000,000		1991
Clinic Renovation	6,900,000	5,000,000	B				1,900,000	1990
Moore System—Bob Smith Room Bldg	2,000,000				2,000,000			1991
Research Lab Expansion—Smithville	4,000,000				2,000,000	2,000,000		1990
Upgrading of Moore System, Phase II	4,700,000				4,700,000			1990
Entrance Fountain	878,000			878,000				1990
Surface Parking Lot	500,000					500,000		1990
Research Smith Research Bldg	1,218,000				1,218,000			1992
Private Room Wing	1,000,000				1,000,000			1993
Rotary House	29,000,000			10,000,000		19,000,000		1990
TYLER HEALTH CENTER								
Clinic Expansion & Family Practice	11,300,000	5,000,000	B			6,300,000		1992
Medical Resident Housing	487,500			487,500				1990
U.T. SYSTEM								
Instructional Equipment & Library	50,000,000	50,000,000	C					
Reaser and Rehabilitation	50,000,000	50,000,000	C					
Supercomputer	28,500,000	28,500,000	D,E					
Telecommunications	2,500,000	2,500,000	D					
TOTAL	\$724,073,717	\$298,810,886		\$218,482,734	\$89,766,000	\$23,200,000		\$5,402,288

FOOTNOTES REGARDING PUP ALLOCATIONS

- A. Previously Approved for Capital Improvement Plan
- B. Previously Approved for CIP and Reconfirmed June 1988
- C. Allocations Continued at \$10,000,000 each for FY1983 and FY1984
- D. New Allocation, June 1988
- E. System Administration is Directed to Review all Alternate Sources of Funding and to Present such Alternatives for Consideration by the Board.

19-Jun-89

ATTACHMENT 2

THE UNIVERSITY OF TEXAS SYSTEM
 CAPITAL IMPROVEMENT PLAN 1985-1994
 PERMANENT UNIVERSITY FUND BOND PROCEEDS
 HISTORY OF THE PROGRAM WITH RECOMMENDED ADDITIONS
 THROUGH JUNE 1989

	Original Plan Oct., 1985	Interim Changes	Revised Plan Jan., 1987	Interim Changes	Recommended Changes	CIP Plan (PUF) June, 1989
U.T. SYSTEM						
Equipment & Library	\$ 59,250,000		\$ 10,000,000		\$ 20,000,000	\$ 39,250,000
Library Enhancement		12,249,500	7,500,000			19,749,500
Library Budget Augmentation (Interest on PUF)		7,500,000				7,500,000
Repair and Rehabilitation	58,410,000		10,000,000		14,060,000	32,470,000
Supercomputer	20,000,000				25,500,000	45,500,000
MCC Advance		9,300,000		(1,963,607)		7,336,393
Reimbursement of Capital Expenditures (Interest on PUF)				11,000,000		11,000,000
Telecommunications					2,500,000	2,500,000
U.T. ARLINGTON						
Engineering Building Addition & Renovation	38,500,000			(40,290)		38,459,710
Cooper Street Modifications	2,600,000					2,600,000
Science Building, Phase I					10,000,000	10,000,000
U.T. AUSTIN						
Remodeling & Expansion of Goldsmith Hall	11,000,000			(2,654,719)		8,345,281
Expansion of Physical Plant Facilities Phase I	12,500,000			(108,000)		12,392,000
Nuclear Engineering Teaching Microelectronics/Engineering Research Building	5,860,000		10,000,000	1,400,000		11,400,000
Purchase of Villa Capri Property				6,027,396		6,027,396
Purchase of SEMATECH Site Center for Energy & Economic Diversification				12,287,423		12,287,423
Purchase of Pforzheimer Collection				2,000,000		2,000,000
Molecular Biology Building				2,500,000		2,500,000
Animal Resources Center (Expan.)					13,000,000	13,000,000
Experimental Science Bldg. Ren.					1,900,000	1,900,000
					10,000,000	10,000,000
U.T. DALLAS						
Animal Care Facility	400,000					400,000
Multipurpose & Engineering Startup Space	4,800,000					4,800,000
Engineering & Comp. Science	17,500,000					17,500,000
Ren. Founders Annex & Berkner Renovation of Founders Building					1,000,000	1,000,000
					2,500,000	2,500,000
U.T. EL PASO						
Physical Plant Facilities	6,900,000	880,000		105,000		7,885,000
Geological Sciences Building	4,700,000			2,100,000		6,800,000
U.T. PERMIAN BASIN						
Campus Computers	750,000					750,000
Re-Roofing Mesa Building	200,000					200,000
U.T. SAN ANTONIO						
Campus Electricity System	500,000					500,000
Engineering & Biotechnology Bldg Phase I	12,900,000					12,900,000
Phase II	15,000,000				(2,500,000)	12,500,000
Renovation of Public Areas at the Institute of Texan Cultures Phased Project	2,130,000					2,130,000
Hemisfair Property Renovations Phased Project			1,200,000			1,200,000
Campus Infrastructure, Phase I					1,200,000	1,200,000
Small Animal Building					300,000	300,000
Advance Proj. Design--Academic Building II					230,000	230,000
Asbestos Abatement					400,000	400,000
Academic Building One					16,475,000	16,475,000

* System Administration is Directed to Review all Alternate Sources of Funding and to Present such Alternatives for Consideration by the Board

	Original Plan Oct., 1985	Interim Changes	Revised Plan Jan., 1987	Interim Changes	Recommended Changes	C.P. Plan (PLF) June, 1989
U.T. TYLER						
Space Completion & Renovation Phased Project	3,800,000					3,300,000
Liberal Arts Complex	12,000,000					12,000,000
SOUTHWESTERN MEDICAL CENTER						
Clinical Science Building	8,000,000					8,000,000
Imaging Center	3,900,000					3,300,000
Green Biomedical Research Bldg			3,000,000	(3,000,000)		
Dev of North Campus--Phase I					20,000,000	20,000,000
Dev of North Campus--Phase II					500,000	500,000
GALVESTON MEDICAL BRANCH						
Medical Research Building	20,000,000					20,000,000
Expansion of Thermal Energy Plant			2,000,000			2,000,000
Completion of Shelled Floors					4,125,000	4,125,000
HOUSTON HEALTH SCIENCE CENTER						
Addition to Dental Science Bldg	8,000,000			670,000		8,670,000
Ambulatory Care Facility	5,000,000					5,000,000
Clinical Research Building					17,500,000	17,500,000
SAN ANTONIO HEALTH SCIENCE CENTER						
Basic Science Bldg/5th Level	3,400,000					3,400,000
Expansion of Clinical Science	15,500,000					15,500,000
Research Building--Medical Center			10,000,000			10,000,000
Air Intake System				3,710,695		3,710,695
M.D. ANDERSON CANCER CENTER						
Learning Resources Center	1,500,000					1,500,000
Clinical Remodeling	5,000,000					5,000,000
TYLER HEALTH CENTER						
Clinic Expansion & Family Practice Clinic	10,000,000				(5,000,000)	5,000,000
TOTAL	\$ 370,000,000	\$ 29,929,500	\$ 53,700,000	\$ 32,159,598	\$ 153,660,000	\$ 339,449,098

19-Jun-89