SUMMARY OF CAPITAL APPROPRIATIONS		
BOARD OF REGENTS, STATEWIDE		
CAP-	**Capital line item**	
025	Instructional and Data Processing Equipment	$33,000,000
029	Ohio Library and Information Network (OhioLINK)	$8,190,000
030	Ohio Supercomputer Center Expansion	$8,500,000
032	Research Facility Action and Investment Funds	$19,000,000
060	Technology Initiatives	$3,650,000
062	Non-Credit Job Training Facilities Grants	$5,985,000
064	Eminent Scholars Capital Grants	$2,000,000
068	Third Frontier	$50,000,000
070	Dark Fiber	$5,000,000
071	Center for Translational and Applied Genomics	$500,000
072	Cleveland Clinic Heart Center	$1,000,000
Subtotal: Board of Regents, statewide		**$136,825,000**
UNIVERSITIES AND BRANCHES		
University of Akron - Main		$17,819,834
University of Akron - Wayne		$507,874
Subtotal: University of Akron		***$18,327,708***
Bowling Green State University - Main		$18,125,541
Bowling Green State University - Firelands		$1,082,270
Subtotal: Bowling Green State University		***$19,207,811***
Central State University		$8,047,037
Subtotal: Central State University		***$8,047,037***
University of Cincinnati - Main		$40,245,659
University of Cincinnati - Clermont		$227,093
University of Cincinnati - Raymond Walters		$2,221,494
Subtotal: University of Cincinnati		***$42,694,246***
Cleveland State University		$20,284,849
Subtotal: Cleveland State University		***$20,284,849***
Kent State University - Main		$23,744,597
Kent State University - Ashtabula		$1,037,532
Kent State University - East Liverpool		$1,186,920
Kent State University - Geauga		$346,708

Kent State University - Salem	$702,622
Kent State University - Stark	$2,094,036
Kent State University - Trumbull	$1,533,785
Kent State University - Tuscarawas	$1,005,676
Subtotal: Kent State University	***$31,651,876***
Miami University - Main	$18,888,897
Miami University - Hamilton	$1,599,928
Miami University - Middletown	$2,838,610
Subtotal: Miami University	***$23,327,435***
Medical College of Ohio at Toledo (MCOT)	$5,853,505
Subtotal: Medical College of Ohio at Toledo (MCOT)	***$5,853,505***
Northeastern Ohio Universities College of Medicine (NEOUCOM)	$2,273,211
Subtotal: Northeastern Ohio Universities College of Medicine (NEOUCOM)	***$2,273,211***
The Ohio State University - Main	$90,695,929
The Ohio State University - Lima	$100,000
The Ohio State University - Marion	$730,742
The Ohio State University - Newark	$3,358,924
The Ohio State University - OARDC	$8,638,340
Subtotal: The Ohio State University *	***$103,523,935***
Ohio University - Main	$5,142,216
Ohio University - Eastern	$947,626
Ohio University - Chillicothe	$1,304,154
Ohio University - Southern	$720,552
Ohio University - Lancaster	$1,368,714
Ohio University - Zanesville	$1,318,994
Subtotal: Ohio University	***$10,802,256***
Shawnee State University	$2,716,490
Subtotal: Shawnee State University	***$2,716,490***
University of Toledo	$21,389,260
Subtotal: University of Toledo	***$21,389,260***
Wright State University - Main	$13,485,500
Wright State University - Lake	$694,867
Subtotal: Wright State University	***$14,180,367***
Youngstown State University	$12,282,836
Subtotal: Youngstown State University	***$12,282,836***
Total Universities and Branches	**$336,562,822**
COMMUNITY COLLEGES	
Cincinnati State Technical and Community College	$5,596,596
Clark State Community College	$618,266
Columbus State Community College	$19,780,708

Cuyahoga Community College	$18,046,944
Edison State Community College	$295,110
Jefferson Community College	$431,965
Lakeland Community College	$3,855,427
Lorain County Community College	$1,132,268
Northwest State Community College	$468,822
Owens Community College	$11,277,739
Rio Grande Community College	$371,653
Sinclair Community College	$2,231,992
Southern State Community College	$1,293,585
Terra State Community College	$315,419
Washington State Community College	$262,586
Total - Community Colleges	***$65,979,080***
TECHNICAL COLLEGES	
Belmont Technical College	$214,638
Central Ohio Technical College	$2,420,483
Hocking Technical College	$4,125,764
Rhodes State College (Lima Tech)	$4,084,367
Marion Technical College	$373,772
Muskingum Area Technical College	$1,333,291
North Central State College	$352,422
Stark State College of Technology	$2,196,831
Total - Technical Colleges	***$15,101,568***
Total: State Institutions of Higher Education **	**$554,468,470**

* This number reflects the actual total of appropriations made to The Ohio State University. The total Ohio State University appropriations, $103,523,934, listed in the bill is incorrect. Nevertheless, the appropriations to each capital project are correct and are unaffected by the incorrect fund total.

** This number reflects the actual total of appropriations to the State Institutions of Higher Education. The total appropriations for State Institutions of Higher Education, $554,468,469, listed in the bill is incorrect. Nevertheless, the appropriations to each capital project are correct and are unaffected by the incorrect fund total.

The institutions are responsible for the debt service component of the instructional subsidy. This responsibility began in FY 2000. The allocation of the debt service component among the campuses is summarized in the following schedule:

SUMMARY OF DEBT SERVICE COMPONENTS	
Institution	
UNIVERSITIES AND BRANCHES	
University of Akron - Main	$11,734,808
University of Akron - Wayne	$363,870
Subtotal: University of Akron	***$12,098,678***
Bowling Green State University - Main	$14,099,963
Bowling Green State University - Firelands	$862,684
Subtotal: Bowling Green State University	***$14,962,647***
Central State University	$2,614,345
Subtotal: Central State University	***$2,614,345***
University of Cincinnati - Main	$31,374,691
University of Cincinnati - Raymond Walters	$1,459,507
Subtotal: University of Cincinnati	***$32,834,198***
Cleveland State University	$14,356,756
Subtotal: Cleveland State University	***$14,356,756***
Kent State University - Main	$17,059,122
Kent State University - Ashtabula	$832,593
Kent State University - East Liverpool	$804,594
Kent State University - Geauga	$288,939
Kent State University - Salem	$581,919
Kent State University - Stark	$1,696,547
Kent State University - Trumbull	$1,156,076
Kent State University - Tuscarawas	$1,015,746
Subtotal: Kent State University	***$23,435,536***
Miami University - Main	$14,951,078
Miami University - Hamilton	$1,196,422
Miami University - Middletown	$1,438,506
Subtotal: Miami University	***$17,586,006***
Medical College of Ohio at Toledo (MCOT)	$4,366,440
Subtotal: Medical College of Ohio at Toledo (MCOT)	***$4,366,440***
Northeastern Ohio Universities College of Medicine (NEOUCOM)	$1,341,849
Subtotal: Northeastern Ohio Universities College of Medicine (NEOUCOM)	***$1,341,849***
The Ohio State University - Main	$69,773,667
The Ohio State University - Marion	$730,742
The Ohio State University - Newark	$3,358,924
The Ohio State University - OARDC	$5,878,062

Subtotal: The Ohio State University	***$79,741,395***
Ohio University - Eastern	$755,213
Ohio University - Chillicothe	$1,076,231
Ohio University - Southern	$589,424
Ohio University - Lancaster	$1,113,079
Ohio University - Zanesville	$1,075,726
Subtotal: Ohio University	***$4,609,673***
Shawnee State University	$1,780,343
Subtotal: Shawnee State University	***$1,780,343***
University of Toledo	$16,789,871
Subtotal: University of Toledo	***$16,789,871***
Wright State University - Main	$10,279,328
Wright State University - Lake	$587,200
Subtotal: Wright State University	***$10,866,528***
Youngstown State University	$8,459,014
Subtotal: Youngstown State University	***$8,459,014***
Total Universities and Branches	**$245,843,279**
COMMUNITY COLLEGES	
Cincinnati State Technical and Community College	$1,063,470
Columbus State Community College	$4,108,390
Cuyahoga Community College	$9,896,237
Jefferson Community College	$189,442
Lakeland Community College	$2,882,756
Owens Community College	$4,715,560
Total - Community Colleges	***$22,855,855***
TECHNICAL COLLEGES	
Central Ohio Technical College	$2,209,867
Hocking Technical College	$3,638,700
Rhodes State College (Lima Tech)	$3,767,610
Marion Technical College	$257,501
Muskingum Area Technical College	$843,606
Stark State College of Technology	$1,719,554
Total - Technical Colleges	***$12,436,838***
Total: State Institutions of Higher Education	**$281,135,972**

(BOR) Board of Regents

CAP-025 Instructional and Data Processing Equipment **$33,000,000**

Category: Capital Equipment

County: Statewide

These funds are provided to the university main and branch campuses, community colleges, and technical colleges to supplement local resources in acquiring instructional and data processing equipments. The state funds should not be a campus's sole source of funds for such purchases. The equipments must be used directly for instructional purposes or in direct support of instruction. Acceptable equipments include computer workstations but exclude office furnishings and vehicles. Prior approval of equipment eligibility by the Board of Regents is no longer required; therefore, the campuses might find certain expected payments disapproved after the fact. Therefore, for high-cost items, campuses may seek Board of Regents pre-approval of specific purchases above $5,000.

The funds are distributed to each institution based on a formula that allocates equipment costs per weighted full-time-equivalent (FTE) student by program. The distribution among the campuses of the $33,000,000 appropriated in H.B. 640 amounted to an average of roughly $100 per FTE. The total amounts to the campuses ranged from $80,193 for Jefferson Community College to $6,902,077 for the Ohio State University. Several examples of the amounts are provided in the following table:

Institution	IDPE Amount
The Ohio State University (highest amount)	$6,902,077
University of Cincinnati	$3,338,597
Ohio University	$2,566,999
Kent State University	$1,876,406
University of Akron	$1,640,405
Cuyahoga Community College	$803,195
Hocking Technical College	$408,804
Lorain Community College	$317,346
Terra State Community College	$217,503
Belmont Technical College	$124,133
Central Ohio Technical College	$102,119
Jefferson Community College (lowest amount)	$80,193

CAP-029 Ohio Library and Information Network (OhioLINK) **$8,190,000**

Category: Capital Equipment

County: Statewide

The funds will support several projects at OhioLINK, including (1) the continued expansion and development of central site hardware and software facilities, (2) the purchase of electronic journal citation licenses, (3) the purchase of electronic journal texts, (4) the

creation and improvement of cataloging records, (5) the purchase of electronic book texts, (6) the acquisition of core electronic images, (7) the software development of innovative interfaces, and (8) support of the OARnet backbone development and expansion.

CAP-030 Ohio Supercomputer Center Expansion **$8,500,000**

Category: Capital Equipment

County: Statewide

The funds will support several projects at the Ohio Supercomputer Center, including (1) the purchase of virtual reality equipment, (2) the development of new network initiatives, (3) the upgrade of the Cluster Ohio processors, (4) the pursuit of statewide software licensing, (5) the purchase of new architecture for computer modeling, (6) the upgrade of the OARnet backbone, (7) the acquisition of high-performance media servers, and (8) the relocation and upgrade of the center's infrastructure for both HPC and OARnet.

CAP-032 Research Facility Action and Investment Funds **$19,000,000**

Category: New Construction & Renovation, Capital Equipment

County: Statewide

These funds are used in two continuing programs of grants and loans to "provide timely availability of capital facilities for research programs and research-oriented instructional programs" at state-supported and state-assisted universities; and to stimulate research funding from federal, private, and other sources. In recent years, the $20,000,000 in state funds has helped secure approximately $100,000,000 in federal research grant funds. The Board of Regents is required to maintain rules governing the application for and approval of projects from this appropriation. The board must inform the President of the Senate and the Speaker of the House of Representatives of each project receiving funding.

In prior years, up to and including H.B. 850, this line item carried the title Research Facility and Investment Loans and Grants; its appropriations were used to provide both loans and grants. As the program has evolved, however, almost all the activity is now in the form of grants–few loans are provided. The appropriation item's current title, which does not specify either loans or grants, began with H.B. 640. Descriptions of the two programs follow.

The Action Fund: The Action Fund is a matching research-grant program for capital projects. The program provides state funds, which, when combined with institutional funds, serve as leverage for research grants from other sources, especially the federal government. The program is oriented toward grants to individual institutions for single capital projects expected to cost $250,000 or more. The funds may be used for construction, expansion or renovation of research facilities.

The Hayes Investment Fund: The investment funds program was renamed the Hayes Investment Fund several years ago. The program provides grants both to consortiums of universities and to consortiums of universities, businesses, and private research firms. In addition, the program provides revolving, interest-free loans to individual academic institutions. These interest-free loans have to be repaid over a ten-year period; repayments are deposited into the Higher Education Improvement Fund (034). All the grant and loan

funds support major construction or renovation projects for campus buildings to be used for research activities. Although the loans remain available, few institutions request them, given the availability of the grants.

Of the previous $20,000,000 appropriation in H.B. 640, approximately $8,000,000 was used for Action Fund grants and approximately $12,000,000 was used for Hayes Investment Fund grants. Under the Action Fund, more than 100 projects at various individual universities were funded by the grants, which were used mainly to purchase scientific equipment and to build research environments. The Hayes Investment Fund provided grants to a total of nine consortiums of various universities, for the following projects: The mass spectrometry consortium for materials and medical research ($1,870,000); the Ohio consortium for kinetic spectrometry ($1,300,000); the Ohio cellular and molecular imaging consortium ($2,000,000); the center for nondestructive characterization and reliability assurance of micro- and nano-materials ($500,000); a genome research institute in Ohio ($1,700,000); the Ohio organic semiconductor consortium ($900,000); the Ohio nuclear magnetic resonance (NMR) consortium ($2,000,000); the Ohio research in advanced Internet utilization, simulation, and telerobotics ($800,000); and the consortium for environmental and process technologies ($950,000).

CAP-060 Technology Initiatives **$3,650,000**

Category: Capital Equipment

County: Statewide

This appropriation will continue the technology initiatives capital program begun with a $10,000,000 appropriation in H.B. 850 and continued with another $10,000,000 appropriation in H.B. 640. The program supports collaborative initiatives to improve the quality and efficiency of instruction, services, and program offerings at Ohio's state-assisted colleges and universities. Using these funds, the Board of Regents awards competitive grants to publicly assisted institutions of higher education in Ohio. The initial assignment of grants was approved by the Controlling Board on January 10, 2000; the entire appropriation was allocated among various universities, community colleges and technical colleges. In order to determine a method for awarding the grants, the Regents were directed to form a consultative committee comprised of representatives of state colleges and universities, the Office of Budget and Management, the former Legislative Budget Office, and the Legislative Office of Education Oversight.

The grants are to be used primarily for investments in technology to deliver instructional services. The consultative committee recognized that the various campuses have different levels of technology infrastructure needs; that some have invested more heavily in technology than others; that a basic statewide technology capacity is required in order for all institutions to succeed; and that a basic level of statewide technology capacity should be established. The committee established three categories of grant competition for the awards: (1) a basic capacity grant (up to $200,000), to bring campuses up to a basic capacity level that will enable them to participate in distance learning, (2) a distance learning grant (up to $500,000), to increase the technology infrastructure for distance learning across campuses and the state, and (3) an innovative projects in teaching and learning grant (up to $200,000,

for both public and private institutions), to invest in promising technologies to enhance the teaching/learning process for distance learning projects. To the last category, the Ohio Learning Network contributed $1,000,000. Each of the grant categories requires an institutional match in the same amount of dollars.

CAP-062 Non-Credit Job Training Facilities Grants **$5,985,000**

Category: Capital Equipment, Renovation/Replacement

County: Statewide

These funds will be used at community and technical colleges, state community colleges, and university regional campuses to enable the acquisition of equipment, software, and modifications of facilities at two-year campuses. Ohio's two-year campuses provide training and assessment services to support local/regional business attraction, expansion, and retention projects. A factor in their success is the ability to use up-to-date equipment and resources that match the latest technology and operational requirements of business and industry. This appropriation makes selective capital investments, on a competitive basis, to support the training needs related to local and regional economic development projects.

Each grant proposal is reviewed according to the following criteria:
(1) The critical nature of the project to the success of a local or regional economic development initiative; (2) The extent to which the project is aligned with the workforce development capacity building strategy of the applicant institution;
(3) The strength of the project plan;
(4) The adequacy of the budget justification.

CAP-064 Eminent Scholars Capital Grants **$2,000,000**

Category: Capital Equipment, New Construction, Renovation/Replacement

County: Statewide

The Eminent Scholars program was re-established by H.B. 215 of the 123rd General Assembly "to invest educational resources to address problems that are of vital statewide significance while fostering the growth in eminence of Ohio's academic programs." The appropriation in that bill provided operating funds for grants to support scholar-leaders attracted to Ohio institutions. In furtherance of the program, the appropriation in this bill will provide capital funds for the purchase of equipment for these scholars.

Operating funds: The program's operating funds (which are not appropriated in the capital bill) enable the Board of Regents to make matching endowment grants to Ohio colleges and universities for the purpose of "attracting and sustaining in Ohio scholar-leaders of national or international prominence who will assist the state" in improving the state's economy, strengthening the state's K-12 education system, and/or improving public health and safety. The maximum grant amount is $750,000 for science and technology programs and $500,000 for other programs. The universities' matching funds must come from non-state endowment sources.

Capital funds: The capital funds for this program were requested by the Board of Regents because the eminent scholars often bring with them the need for significant one-time

investments in laboratories and equipment. While these investments are expected to eventually bear fruit, such as increased numbers of federal research grants, in the short run they have posed significant funding challenges to the universities. In addition, the endowments as funded by the operating-fund grants alone were becoming uncompetitive with those of other states. Therefore, Regents requested capital funding for capital-related Eminent Scholars awards.

The capital grants are to be made to those "state colleges and universities and non-profit Ohio institutions of higher education holding certificates of authorization issued under section 1713.02 of the Revised Code" that receive endowment grants from operating budget line item 235-451, Eminent Scholars. The grants are to be used to "acquire, renovate, rehabilitate, or construct facilities and/or purchase equipment" to be used by the Eminent Scholars in the conduct of their research. The grants will require 50 percent matches from the recipient campuses, although the sources for these matching funds may include state sources—in this case, general state capital appropriations.

CAP-068 Third Frontier **$50,000,000**

Category: Renovation/Replacement, Capital Equipment

County: Statewide

This appropriation item is designated for capital improvements and capital facilities for state-supported/assisted institutions of higher education. The funds are intended to support the acquisition, renovation, and construction of facilities and the purchase of equipment for product development programs, commercialization programs, and research programs' technology development at or involving these institutions. The funds are to be used for grants awarded on a competitive basis and are to be administered by the Third Frontier Commission. Further, the commission is to develop and maintain guidelines relative to the application for and selection of projects funded from this appropriation item; the commission may do so in consultation with other interested parties. The Board of Regents and the state-supported/assisted institutions of higher education are to take all actions necessary to implement the grants.

CAP-070 Dark Fiber **$5,000,000**

Category: Capital Equipment

County: Statewide

Current computer-based communications networks are limited in their capacity (the amount of data that can be handled at one time) and quality of service (the ability of the network to deliver data and images in "real time"). Recognizing the limits of Ohio's current higher education network and the need for a higher-capacity infrastructure, the Ohio Board of Regents has started to develop a new computer network, the Third Frontier Network (TFN), to improve upon the current network, OARnet. The new network will help overcome the capacity and quality barriers, enabling researchers to work virtually side by side despite their location at different institutions.

This project will install dense wavelength division multiplexing (DWDM) equipment across the OARnet backbone and at 50 campuses statewide. Combined with the fiber-extensions-to-

campuses project, this initiative will ensure that future required research and educational networking bandwidth will be both available and affordable when and where it is needed. It will provide Ohio with a world-class research and education intranet that can be used to leverage external funding and support economic development.

CAP-071 Center for Translational and Applied Genomics **$500,000**

Category: Capital Equipment

County: Statewide

A project description is not available at this time.

CAP-072 Cleveland Clinic Heart Center **$1,000,000**

Category: Community Project(s)

County: Cuyahoga

A project description is not available at this time.

(UAK) University of Akron - Main

CAP-008 Basic Renovations **$4,335,026**

Category: Renovation/Replacement

County: Summit

These funds will be used for various renovation projects costing from $25,000 to $500,000. Examples include renovating classrooms, laboratories, and offices; replacing roofs and sidewalks; resurfacing roads and parking lots; and replacing wiring and lighting systems.

Of the appropriation for this line item, $50,000 is earmarked for the John Brown Memorial in Summit County. Responsibility for this project has been transferred from the Department of Natural Resources' Local Park Projects line item CAP-478. The $50,000 appropriation has also been transferred from that line item.

CAP-054 Auburn West Tower Rehabilitation, Phase I **$3,950,000**

Category: New Construction

County: Summit

This first phase of this new project will construct a separate 37,000 GSF temporary space to serve as a swing space. This space will be located in parking deck areas below the Plaza level. The space will initially be occupied by the Biology department offices and laboratories, which will move out of Auburn West Tower in preparation for its rehabilitation. Phase I is estimated to cost $4,400,000 and was intended to be supported entirely by state funds. This is the first capital bill appropriation for this project.

The rehabilitation of Auburn West Tower itself will be conducted in subsequent phases of the

project during the next biennium; the entire rehabilitation is estimated to cost $9,500,000. After Biology returns to Auburn West, the swing space will accommodate departments displaced by future remodeling projects.

CAP-080 Medina Learning Center **$750,000**

Category: Planning

County: Medina

This project will construct a new 100,000 GSF academic building at the university's Medina County location to serve students in that area. The building will represent all colleges at the university and will include classrooms, computer laboratories, distance learning facilities, and faculty offices . The current appropriation will support a feasibility study to determine the design and configuration of the building based on specific program needs, and to determine the project budget. Previous appropriations under this appropriation item include $3,200,000 in H.B. 850 and $500,000 in H.B. 748; these appropriations were used to install distance-learning information technology links, including equipment and infrastructure, from the main campus in Summit County to several Medina County high schools to serve local university students.

CAP-098 Guzzetta Hall Addition **$7,784,808**

Category: New Construction

County: Summit

This addition of 53,500 net square feet will enable the integration of the performing arts departments, the School of Dance, Theater and Arts, and the Dance Institute into one complex. These activities are currently located in several buildings: Kolbe Hall (6,523 NASF), Ballet Center (13,405), Student and Administrative Services Building (4,104), Bel Aire (1,524), and Guzzetta Hall (12,458). The vacated spaces will be returned to the institution for utilization in the reduction of outstanding space needs; therefore, there will not be any offsetting reduction in space. The entire project cost of $8,500,000 was intended to be met by state funds. This is the first capital bill appropriation for this project. The renovation of the existing Guzzetta Hall will be funded by local initiatives.

CAP-101 National Polymer Processing Center **$1,000,000**

Category: Planning, Land Acquisition/Site Development

County: Summit

The new project will construct a 60,000 GSF applied research facility for the implementation of polymer engineering basic research. The total cost of the project is estimated to be $10,000,000. The current appropriation will support the planning for the project as well as some site preparation. There have been no previous appropriations under this appropriation item.

(UAK1) University of Akron - Wayne

CAP-049 Basic Renovations--Wayne **$144,004**

Category: Renovation/Replacement

County: Wayne

These funds will be used for various renovation projects at the branch campus.

CAP-099 D-wing Expansion **$243,750**

Category: New Construction, Renovation/Replacement

County: Wayne

This will be the initial planning phase of a project to construct a modular addition to the existing Wayne campus building. This new module, to be called the D-building or D-wing, will provide an additional 4,000 GSF of space for classrooms and faculty offices. The project will also renovate 1,000 gross square feet (GSF) of office space. The Wayne campus building was designed as a series of interconnected modules; the additional wing is needed to accommodate increased enrollment. The total cost of the addition is estimated to be $620,000; local funds are expected to provide the balance above the state appropriation.

CAP-100 Classroom/Office Addition, Design **$120,120**

Category: New Construction

County: Wayne

The project will construct a permanent 11,000 GSF addition to building H (module H) on the Wayne campus. The addition will replace temporary classroom trailers by permanent classrooms and also provide some office space, both of which are needed because of an increase in enrollment. The appropriation in this biennium will support the design of the addition, which is estimated to cost a total of $2,400,000.

(BGU) Bowling Green State University - Main

CAP-009 Basic Renovations **$3,975,578**

Category: Renovation/Replacement

County: Wood

These funds will be used for various renovation projects costing from $25,000 to $500,000. Examples include renovating classrooms, laboratories, and offices; replacing roofs and sidewalks; resurfacing roads and parking lots; and replacing wiring and lighting systems.

CAP-112 Biology Laboratory Building, Phase I **$1,174,982**

Category: New Construction

County: Wood

This is the first phase of a two-phase project to construct a 62,240 GSF facility for the Biological Sciences program, specifically for the expanding programs in genetics and molecular/biotechnology. The building will be connected to the present Life Sciences building by an enclosed walkway and will be equipped with the latest technology requirements, as well as proper ventilation and other services to meet modern building and safety requirements, while allowing for future modifications driven by advances in research.

The Life Sciences building, built in 1967, was not planned for extensive laboratory research because the department's programs were primarily field-oriented then. Because of a shift to a cellular-molecular orientation, as well as an increase in faculty, space formerly assigned to graduate students has been converted to research laboratories and faculty office space. Further renovations of areas in the present building are in process or planned in order to meet a portion of the immediate needs. However, the new building is still needed, not only because of space requirements, but also because the specialized requirements of biotechnology research laboratories make new facilities necessary. In the Life Sciences building, for example, besides the safety implications, the current design of the building necessitates the internal and external transportation of hazardous materials over significant distances.

This is the first capital bill appropriation for this project, which has an estimated total cost of $15,040,000. The entire Phase I cost of $2,375,000 was intended to be met by state funds. Phase II is scheduled for the 2005-2006 biennium and is estimated to cost $12,665,000, also all in state funds.

CAP-119 Admissions Visitor Center **$3,000,000**

Category: New Construction

County: Wood

In order for the university to better compete for students, this project will construct a new admissions visitor center, to serve as the central meeting space for prospective students who visit the campus. The 12,100 GSF building will meet the admissions department's increased space requirements and will place the operation in a more accessible and visitor friendly location. The new building will provide office space, file and work space, and presentation space for visitor tours. The project will consolidate all of the visitor activities and staff from the area, thereby vacating spaces that will allow for the subsequent consolidation of Graduate College operations (Sponsored Programs and Research) and other university functions. Ultimately, the series of renovations and relocations will lead to the demolition of the present South Hall.

The location of the new admissions visitor center has yet to be determined. The entire project cost of $3,000,000 is to be met by state funds. This is the first capital bill appropriation for this project.

CAP-120 Theater (Performing Arts) Complex **$8,750,000**

Category: New Construction & Renovation

County: Wood

The project will build a new 27,150 GSF theater and performing arts complex to provide new performance spaces, including a 400-seat auditorium and a 200-seat black-box theater. In addition, an existing 12,850 GSF area will be renovated and used as additional black-box space. Included in the project will be the necessary support spaces: scene shops, dressing rooms, costume and property storage, laboratories, faculty offices, and patron support services. The building's location will enable the theater department to be close to the Moore Musical Arts Building and Fine Arts Building. The new building will replace the existing performance spaces in University Hall; those spaces are more than 50 years old and will be subsequently renovated for the Family and Consumer Sciences area as part of the University Hall Renovation project.

Of the entire project cost of $11.25 million, $8.75 million is to be met by state funds; the remaining $2.5 million will be local (development/donor) funds. This is the first capital bill appropriation for this project.

CAP-121 University Hall Rehabilitation, Phase I **$1,174,981**

Category: Planning

County: Wood

Phase I of the project will include the planning of the complete rehabilitation of University Hall, the original building on campus. The renovation of the 88,000 NASF facility will replace all infrastructure support in the building, including the reworking of building systems and the reconfiguring of spaces to accommodate the entire School of Family and Consumer Sciences (FCS) program, which will move in as part of the university's plan to consolidate departments. The building's central location and proximity to the education college will maintain and, perhaps, enhance the FCS school's relations with parents and the community. The project will begin after the theater performance and laboratory spaces move to their new facility.

CAP-122 Convocation Center **$50,000**

Category: Planning

County: Wood

The appropriation will support a study to determine the feasibility of constructing a new convocation center to replace Anderson Arena on the university's main campus. Anderson Arena is currently used for basketball games and other events.

(BGU1) Bowling Green State University - Firelands

CAP-060 Basic Renovations--Firelands **$219,586**

Category: Renovation/Replacement

County: Erie

These funds will be used for various renovation projects at the branch campus.

CAP-109 Cedar Point Community Center, Phase III **$862,684**

Category: New Construction

County: Erie

This is the third and final phase of a project to construct a new two-story multi-purpose building to house upper-division and graduate course offerings, and community outreach activities. The project is intended mainly to upgrade the distance learning capabilities of the college, as well as to provide some improved laboratories. The completed facilities will include high-technology classrooms, conference rooms, and a limited number of improved laboratories and support offices. The building's flexible configuration of large and small rooms will accommodate theater performances by the university's theater department. Overall, the construction will add 38,500 GSF to the Firelands campus.

The Firelands campus provides transfer education, workforce education, and services to the local community. This Community Center will be the first addition to the campus since 1972. The project is estimated to cost $7,791,360. Previous appropriations have amounted to $3,075,366, including $2,056,440 in H.B. 850 and $515,600 in H.B. 640. Local funding is expected to contribute the balance of approximately $3,900,000.

(CSU) Central State University

CAP-022 Basic Renovations **$932,692**

Category: Renovation/Replacement

County: Greene

These funds will be used for various renovation projects costing from $25,000 to $500,000. Examples include renovating classrooms, laboratories, and offices; replacing roofs and sidewalks; resurfacing roads and parking lots; and replacing wiring and lighting systems.

CAP-084 Academic Facility, Phase I **$7,114,345**

Category: New Construction

County: Greene

A project description is not available at this time.

(UCN) University of Cincinnati - Main

CAP-009 Basic Renovations **$8,370,968**

Category: Renovation/Replacement

County: Hamilton

These funds will be used for various renovation projects costing from $25,000 to $500,000. Examples include renovating classrooms, laboratories, and offices; replacing roofs and sidewalks; resurfacing roads and parking lots; and replacing wiring and lighting systems.

CAP-174 Classroom/Teaching Laboratory Renovations **$7,270,000**

Category: Renovation/Replacement

County: Hamilton

This ongoing project will continue the complete renovation of the university's most obsolete learning spaces. The project includes the upgrading of building components and the installation of state-of-the-art multi-media audio-visual systems, instructor workstations, and comfortable seating with larger work surfaces. The scope of the work includes extension of the HVAC systems, installation of new ceilings with dimmable fluorescent lights, new window coverings, upgraded wall and floor finishes, and secure storage systems for A/V system components. Of the funds appropriated in this biennium, $3,000,000 will be allocated to the rehabilitation of 18,600 GSF of classrooms in Baldwin Hall; $3,020,000 to the construction of three 75-seat classrooms planned for the new Recreation Center; and $1,250,000 to the construction of a new classroom building with a 130-seat multi-media classroom for the College of Applied Sciences.

The buildings that have been renovated and/or targeted during the project include Baldwin, Braunstein, Teachers/Dyer, Zimmer, and the Medical Science Building. This project has been supported by previous appropriations of $4,850,000 in Am. Sub. H.B. 640, $6,100,000 in Am. Sub. H.B. 850, and $6,050,000 in Am. H.B. 748. In addition, Am. Sub. H.B. 790 appropriated $250,000 for similar work under CAP-125. The completion of the project is planned for the FY 2005-06 biennium, and it is estimated that $3,480,000 will be requested from state funds.

CAP-176 Network Expansion **$1,820,000**

Category: Capital Equipment

County: Hamilton

This ongoing project continues the upgrading and installation of new computer and fiber-optic networks. Funds from this biennium will be used to reimburse the university for upgrading the computer network equipment and main distribution wiring in the central hub located in the Health Professions Building, to provide gigabit storage and transmission capacity for the entire university. The total cost for this portion of the project was $3,640,000, and it is planned to request the remaining $1,820,000 from state funds in the FY 2005-06 biennium. Previous appropriations for the network expansion project include $500,000 in Am. Sub. H.B. 640, $2,000,000 in Am. Sub. H.B. 850, and $2,000,000 in Am. H.B. 748.

CAP-177 Critical Building Component Renovations **$4,800,000**

Category: Renovation/Replacement

County: Hamilton

This project will continue funding the renovation or replacement of critical building components in the university's oldest buildings. The work will include elevators; heating, cooling, plumbing, lighting and electrical systems; doors and windows; finishes; and

surrounding site work.

For this biennium, all of this line item's funds are to be allocated to the nearly completed Baldwin Hall rehabilitation project, although these funds will comprise only approximately 30 percent of the total cost of that 95,520 GSF project. Other funds for the project were obtained from previous appropriations to this line item as well as current and past appropriations to CAP-174, Classroom/Teaching Lab Renovations & Expansion. Baldwin Hall was built in 1909 and most of the major components of the building had not been upgraded since then. Most were severely deteriorated, causing increases in maintenance costs. In this project, deteriorated building components and telecommunications system wiring are being replaced; new mechanical, electrical and lighting systems are being installed; and doors and windows are being replaced.

Other buildings that have been upgraded during the project include Braunstein, Corbet Pavilion, Medical Sciences, and Zimmer. This project has been supported by previous appropriations of $7,363,728 in Am. Sub. H.B. 640, $9,000,000 in Am. Sub. H.B. 850, and $6,036,000 in Am. H.B. 748.

CAP-205 Medical Science Building **$7,000,000**

Category: Renovation/Replacement

County: Hamilton

This ongoing project will rehabilitate as much of the 908,027 GSF building complex as the $109 million currently programmed between 1997 and 2012 will allow. The project will give particular attention to the heating, ventilation, and air conditioning systems; and will also increase the space allocated to classrooms, laboratories, and library space. The scope of the project has been reduced to focus on the highest priority upgrades. The total cost of $109 million represents approximately half of the cost of a major rehabilitation of the entire Medical Sciences Building complex. It is estimated that $55 million of the total cost will come from state funding, $5 million from federal sources, and $49 million from local funds. This project has been supported by a previous appropriation of $6,000,000 in Am. Sub. H.B. 850, and none in Am. Sub. H.B. 640. It is estimated that a request of state funds will be made for $10,000,000 in FY 2005-06, and $12,000,000 in FY 2007-08. It is also estimated that future requests for state funds will be made through the FY 2011-12 biennium.

CAP-206 One-Stop Services Center **$4,783,000**

Category: New Construction

County: Hamilton

This ongoing project will construct a 104,000 GSF one-stop services center (now called University Pavilion), surrounding site work, furnishings, and equipment. This project will consolidate admission, enrollment, and financial aid services in one building in a highly visible location near the beginning of the University's new "Main Street." As part of the project, Beecher Hall was demolished in order to create a site for the University Pavilion. In addition, $1,000,000 in CAP-206 funds were used to renovate 33,500 GSF of space in Edwards Center to provide interim space for the student services departments that were located in Beecher Hall. Funds from this biennium will be used to complete the project.

Previous appropriations include $16,980,882 in Am. Sub. H.B. 640, and $9,886,650 in Am. Sub. H.B. 850.

CAP-207 Central Campus Infrastructure/Security **$186,941**

Category: Renovation/Replacement

County: Hamilton

Funds from this line item will be used for the repair or replacement of campus infrastructure such as exterior paving, landscaping, lighting, and signage. It would also provide funds for access control and alarm systems or communication systems used by campus police. Project locations and scopes for the funds programmed in this biennium have not yet been determined. This line item will replace two other capital line items previously programmed for similar purposes: CAP-207, Central Campus Infrastructure, and CAP-208, Security System Upgrade. It is estimated that a request of state funds will be made for $1,000,000 per biennium beginning in FY 2005-06.

CAP-208 Security System Upgrade **$260,000**

Category: Renovation/Replacement

County: Hamilton

This is the third phase of a three-phase project that will better protect building users and high-value property such as computers, audio/visual system components, and research equipment. It will include the installation of outdoor lighting, help telephones, backup computers, and electronic alarm systems on exterior doors to automatically lock buildings at night and during other periods of low usage. Phases I and II were supported by appropriations of $300,000 in Am. Sub. H.B. 850 and $300,000 in Am. Sub. H.B. 640, respectively.

CAP-209 Library Renovations **$800,000**

Category: Renovation/Replacement

County: Hamilton

This ongoing project is intended to provide a dedicated funding source for library renovations. Funds from this biennium will be used to replace about 16,992 square yards of deteriorated carpet and restore about 4,136 square yards of newer carpet in Langsam Library. The book stacks will also be relocated to provide wider aisles that meet the standards of the Americans with Disabilities Act. The total cost of this phase is estimated at $1,050,000, of which $50,000 will come from local funds, and $200,000 from Basic Renovation funds. This project has also been supported by previous appropriations of $300,000 in Am. Sub. H.B. 640, and $300,000 in Am. Sub. H.B. 850. In addition, it is estimated that a request of $1,450,000 in state funds will be made in the FY 2005-06 biennium.

CAP-211 Cincinnati Symphony Facility Improvements **$500,000**

Category: Community Project(s), Renovation/Replacement

County: Hamilton

These funds will be used to improve safety, enhance customer convenience, and provide for upgrades designed to attract a broader range of performances at the Riverbend Music Center. The total cost of the project is estimated at $8,000,000. This project has been supported by a previous appropriation of $600,000 that was made in Am. Sub. H.B. 850.

CAP-224 Van Wormer Administration Building Rehabilitation $1,125,750

Category: Planning

County: Hamilton

This project will renovate the 18,500 GSF Van Wormer administration building. The project will also construct an additional 2,535 GSF within the existing exterior envelope by creating a new mezzanine floor. The total cost of the project will also include $400,000 for temporary relocation costs. Currently, a feasibility study of the building is underway, and near completion. This study is evaluating the cost of restoring the 100 year old building, adapting it to accommodate new users, and making it more accessible. Conceptual floor plans and sections have also been developed, though a detailed cost estimate has not yet been completed. Funds from this biennium will be used to complete the design work and provide the first increment of construction funds. This project has been supported by a previous appropriation of $132,000 in Am. Sub. H.B. 640. Total cost of the project is currently estimated at $8,700,000, with plans to request the remaining funds over the next two biennia.

CAP-262 Central Campus Renovations $579,000

Category: Renovation/Replacement

County: Hamilton

Funds from this line item will be used for the repair or replacement of critical building components, classroom/laboratory or library renovations, and related upgrades required to respond to changes in pedagogy or academic needs that cannot always be planned years in advance. The first $35,000 of this new line item has been committed to the French West Renovation project. This new line item will eventually replace four other capital line items previously programmed for similar purposes (CAP-174, 176, 177, and 209). It is estimated that a request of state funds will be made for $800,000 in FY2005-06, and $4,000,000 per biennium beginning in FY 2007-08.

CAP-263 Swift Rehabilitation $1,260,000

Category: Renovation/Replacement

County: Hamilton

This project will upgrade existing classrooms, convert rooms on the upper levels previously used as offices and instruction laboratories into additional classrooms, create adequate space for the University Honors program, and provide office space for the student newspaper. The project is already under design as part of the Main Street program together with a new locally funded Campus Life center. It is estimated that both projects will cost $31.8 million, of which $12.8 million will be for the Swift Rehabilitation project. It is planned that a request

of state funds will be made for $9,000,000 in FY 2005-06, and $2,540,000 for FY 2007-08.

CAP-264 McMicken Window Replacement **$1,000,000**

Category: Renovation/Replacement

County: Hamilton

This project will replace deteriorated single-pane wood windows and shades in McMicken Hall with energy-efficient operable aluminum windows and new window coverings. The existing 50 year old windows waste energy, have deteriorated finishes, allow water to seep into the building, permit a large amount of air infiltration and heat transmission, and no longer operate properly. This biennium's appropriations will provide full funding for the project.

CAP-265 Rieveschl/Crosley Rehabilitation/Expansion **$490,000**

Category: Planning

County: Hamilton

This project will focus on the Biology and Chemistry departments located in Rieveschl Hall and Crosley Tower. These funds will be used for a feasibility study to validate the space program, develop alternative conceptual plans, and estimate total project costs. A locally funded study of chemical storage needs has been programmed to define the scope of the project. It is anticipated that this could involve some combination of new construction, rehabilitation of existing space, purchase of chemical storage cabinets, or a computer-based chemical inventory system.

(UCN1) University of Cincinnati - Clermont

CAP-018 Basic Renovations--Clermont **$227,093**

Category: Renovation/Replacement

County: Clermont

These funds will be used for various renovation projects at the branch campus.

(UCN2) University of Cincinnati - Raymond Walters

CAP-054 Raymond Walters Renovations **$361,987**

Category: Renovation/Replacement

County: Hamilton

These funds will be used for various renovation projects at the branch campus.

CAP-266 Muntz Rehabilitation, Phase II **$1,443,210**

Category: Renovation/Replacement

County: Hamilton

This is the second phase of a two-phase project that will upgrade about 24,050 GSF of space on the first floor of Muntz Hall and the Muntz Addition. The rehabilitation of Muntz Hall will include the removal of asbestos fireproofing and floor tile; upgrade the HVAC, electrical, and lighting systems; and relocate walls to accommodate new functions. The rehabilitation of the Muntz Addition will include the upgrade of six classrooms and instructional labs. The rehabilitated space will be used for offices to provide admissions, registration, financial aid, and visitor information in a prominent location near the main entrance, as well as provide for the relocation of the bookstore. Phase I of the project renovated and expanded the library, as well as creating several computer classrooms and a computer study lab in the space vacated by the biology and chemistry departments. The total project is estimated to cost $3,280,000, with $170,000 coming from the bookstore, and $20,129 from the college for construction management. In addition, $1,646,761 in state funds originally appropriated to CAP-128 Science & Allied Health Building - Walters that were not required for SAHB were used to fund Phase I of the Muntz Rehabilitation project. It should be noted that any funds from this biennium that are not required for this project will be used for design of the Muntz Classroom/Office Upgrades project below.

CAP-267 Muntz Classroom/Office Upgrades **$16,297**

Category: Renovation/Replacement

County: Hamilton

This project will upgrade classrooms, seminar rooms, instruction labs, and some offices on the second and third floors of Muntz Hall and the Muntz Addition. Funds from this biennium will be used for design of the project. The design will also determine whether the computer classrooms portion of the project will be included in the rehabilitation of the current building, or whether a new small building/addition will be constructed. In addition, any funds from this biennium that are not required for the Muntz Rehabilitation: Phase II project above will also be used for design of this project. It is estimated that the entire cost of the project through FY 2007-08 will be approximately $3.8 million. This will upgrade only half of the 46,000 GSF of remaining space that requires major rehabilitation. Additional work and requests for state funds are planned for the FY 2009-10 and FY 2011-12 bienniums.

CAP-269 Raymond Walters Veterinary College **$400,000**

Category: New Construction

County: Hamilton

These funds will be used for the construction of a new building for classes in the Veterinary Technology program at the University of Cincinnati's Raymond Walters Campus. The total cost of the project is estimated at $1,000,000.

(CLS) Cleveland State University

CAP-023 Basic Renovations **$4,928,093**

Category: Renovation/Replacement

County: Cuyahoga

These funds will be used for various renovation projects costing from $25,000 to $500,000. Examples include renovating classrooms, laboratories, and offices; replacing roofs and sidewalks; resurfacing roads and parking lots; and replacing wiring and lighting systems.

CAP-109 Main Classroom Lecture Hall Renovation, Phase IV **$1,100,000**

Category: Renovation/Replacement

County: Cuyahoga

This is the fourth phase of a five-phase project that will renovate all 43 classrooms in the Main Classroom Building. The first three phases of the project have renovated 33 classrooms. This phase will renovate two lecture halls, each having 232 seats. The renovations will include replacing the electrical, HVAC, architectural finishes, seating, and technology. Previous appropriations for the project include $1,937,320 in Am. H.B. 748 for Phase I, and $3,700,000 in Am. Sub. H.B. 850 for Phases II and III. It is estimated that a request of state funds will be made for $1,500,000 in the FY 2005-06 biennium, for Phase V in order to renovate the remaining classrooms.

CAP-125 College of Education Building **$8,786,384**

Category: New Construction

County: Cuyahoga

This project will construct a 117,125 GSF building for the College of Education. The building will be located in one of three possible locations in the core of the campus. Currently, the College of Education does not have a defined space on campus. The new building will assist in relieving a shortage of classrooms, laboratories, clinical facilities, and offices. The entire cost of the project is expected to be $35,000,000. A previous appropriation of $600,000 in Am. Sub. H.B. 640 was used to begin the planning process. The university anticipates selling an estimated $12,400,000 in bond anticipation notes for the project in FY 2004. It is expected that a request of state funds will be made in both the FY 2005-06 and FY 2007-08 bienniums in order to complete the project. The request in FY 2007-08 will be used to retire the bond anticipation notes that the university anticipates to sell in FY 2004.

CAP-128 Property Acquisition **$2,000,000**

Category: Land Acquisition/Site Development

County: Cuyahoga

The university will continue to set aside a portion of its capital appropriations for property acquisition within the University Planning District. The program of property acquisition began in 1965. There are currently eleven properties within the University Planning District that remain to be purchased. The university is negotiating with the owners, and the university does not plan to use eminent domain to acquire the properties. Previous appropriations for property acquisitions include $1,298,322 in Am. Sub. H.B. 640, $1,769,670 in Am. Sub. H.B. 850, and $2,000,000 in Am. H.B. 748. It is estimated that a

request of state funds will be made for $1,000,000 in both the FY 2005-06 and FY 2007-08 bienniums.

CAP-142 Rhodes Tower Library Roof Replacement **$1,170,372**

Category: Renovation/Replacement

County: Cuyahoga

This new project will replace the roof of the Rhodes Tower Library. The current roof has reached the end of its expected life, and the replacement is necessary to protect the contents of the library. The project includes the replacement of the roof surface, insulation, and flashing. No further requests for funding are expected for this project.

CAP-143 Cleveland Food Bank **$500,000**

Category: Community Project(s)

County: Cuyahoga

These funds will be used to assist the Cleveland Food Bank, which is seeking a warehouse facility to support its food distribution program. The total cost of the project is estimated at $9,200,000.

CAP-144 Rhodes Tower Plaza Renovation, Phase II **$1,300,000**

Category: Renovation/Replacement

County: Cuyahoga

This is the second of a two-phase project that will make structural and walking surface repairs to the Rhodes Tower Plaza. The plaza is the main circulation area of the campus, and repairs need to be completed in an orderly manner to maintain access. The university commissioned a structural review, and identified the necessary repairs in the plaza, which was constructed along with the building 30-plus years ago. Phase I of the project was funded by an appropriation of $1,500,000 to CAP-118 Structural Concrete Rehabilitation in Am. Sub. H.B. 640.

CAP-145 Cleveland Manufacturers Technology Complex **$500,000**

Category: New Construction

County: Cuyahoga

A project description is not available at this time.

(KSU) Kent State University - Main

CAP-022 Basic Renovations **$4,185,475**

Category: Renovation/Replacement

County: Portage

These funds will be used for various renovation projects costing from $25,000 to $500,000. Examples include renovating classrooms, laboratories, and offices; replacing roofs and sidewalks; resurfacing roads and parking lots; and replacing wiring and lighting systems. Since the early 1980s, the university has been working on preserving, restoring, and modernizing existing space to further the following goals: enhance safety, increase accessibility, conserve energy, improve space use, and strengthen the physical image of the university.

CAP-142 Music Center Improvements **$2,500,000**

Category: Community Project(s), Renovation/Replacement

County: Summit

This ongoing project is intended to provide interior and exterior renovations to the Blossom Music Center, located in Cuyahoga Falls. Previous appropriations for the project include $3,300,000 in Am. Sub. H.B. 640, $1,000,000 in Am. Sub. H.B. 790, and $1,500,000 in Am. Sub. H.B. 904.

CAP-207 Kent Hall Rehabilitation **$11,220,000**

Category: New Construction & Renovation

County: Portage

This project will perform a complete rehabilitation of the 86 year old classroom building. The project will include new HVAC, plumbing, electrical systems, exterior restoration, and restructuring of the interior into classrooms, laboratories, and offices. In addition to the renovated space, the project includes new construction of a 22,000 GSF addition. The new space will allow for research activities of the Department of Psychology that are currently in various other locations on campus to be relocated in Kent Hall. The planning for the project was supported by a previous appropriation of $4,380,000 in Am. Sub. H.B. 640.

CAP-234 Terrace Drive Heating Plant Rehabilitation, Phase I **$2,274,122**

Category: Renovation/Replacement

County: Portage

This is the first phase of an expected two-phase project. The project will rehabilitate the 84 year old former heating plant building for use by the art programs. Funds from this phase will be used for planning and the beginning of construction. Boilers, piping, penthouses, stacks, etc. will be removed from the building. This will be followed by the installation of new HVAC, electrical, and plumbing systems. The total project area in this phase will involve approximately 17,500 GSF of current space, plus the possibility of an additional 4,500 GSF that could be created if the high-bay former boiler room is divided horizontally in order to add a second level. It is estimated that an additional request of $3,495,000 in state funds will be made in the FY 2007-08 biennium for Phase II of the project.

It should be noted that the cost estimates and the scope of the project are tentative due to the nature of the project, and the uncertainty with regard to the removal of the heating plant

components. The goal of the project is to rehabilitate valuable square footage on the campus. However, the University is considering constructing a small addition to the arts building if the planning and design for the Terrace Drive Heating Plant Rehabilitation project reveal it to be cost prohibitive.

CAP-235 Rehabilitation of Franklin Hall, Planning **$1,815,000**

Category: Planning

County: Portage

This project will fund the design work and prepare contract documents for the rehabilitation and possible expansion of Franklin Hall, which was built in 1926. The design will cover the 60,500 GSF of existing space, up to 30,500 GSF of new space, and the renovation of the Kent-Franklin utility tunnel, including the extension of new steam and chilled water lines to Franklin Hall. The space design will address the facilities needs of the School of Journalism and Mass Communications, and will allow for the programs of the school to be brought together in a single location. It is expected that the rehabilitation of Franklin Hall will cost $17,175,000, and that a request of $16,100,000 in state funds will be made in the FY 2005-06 biennium.

CAP-236 East Campus Utilities Tunnel **$1,750,000**

Category: New Construction

County: Portage

These funds will be used to reimburse the university for the construction of a new utility tunnel, which has already been paid for by local funds. The entire cost of the project was approximately $6.1 million. The roughly 1,500 foot utility tunnel includes all of the utility lines, and connects the Science Mall Tunnel near the southern edge of campus with the Midway Drive Tunnel near the northern edge of campus. The project also included elements of the conversion of the campus power grid, from 4,160 volts to 13,200 volts.

(KSU1) Kent State University - Ashtabula

CAP-110 Basic Renovations--Ashtabula **$204,939**

Category: Renovation/Replacement

County: Ashtabula

These funds will be used for various renovation projects at the branch campus.

CAP-212 Technology Building Addition **$832,593**

Category: New Construction

County: Ashtabula

This project will construct a 10,000 GSF addition to the Technology Building. The addition will provide a high-bay, machinery applications lab to support training for the

plastics/composite industry in the region, as well as two training classrooms, a computer lab, and support space. The project will also include the requisite site development and parking space. A previous appropriation for the project of $908,500 was made in Am. Sub. H.B. 640.

(KSU2) Kent State University - East Liverpool

CAP-105 Basic Renovations--East Liverpool **$171,174**

Category: Renovation/Replacement

County: Columbiana

These funds will be used for various renovation projects at the branch campus.

CAP-237 Classroom Building Interior Renovation **$1,015,746**

Category: Renovation/Replacement

County: Columbiana

This project will replace and restore the deteriorating wall and ceiling surfaces in classrooms and teaching laboratories throughout the building. It will also remodel faculty offices on the third floor from cubicles to rooms with ceiling-height partitions. The latter project will require local modifications to the HVAC distribution system.

(KSU3) Kent State University - Geauga

CAP-106 Basic Renovations--Geauga **$57,769**

Category: Renovation/Replacement

County: Geauga

These funds will be used for various renovation projects at the branch campus.

CAP-238 Roof Replacement, Classroom Building **$288,939**

Category: Renovation/Replacement

County: Geauga

This project will replace the roof of the classroom building at the Geauga Campus. The total roof area, including all overhangs and canopies, is approximately 35,000 square feet. The project will remove all existing room membranes, make any required roof deck repairs, rebuild/restore the flashing and expansion joints, and apply new membranes and coatings.

(KSU4) Kent State University - Salem

CAP-107 Basic Renovations--Salem **$120,703**

Category: Renovation/Replacement

County: Columbiana

These funds will be used for various renovation projects at the branch campus.

CAP-239 Classroom Building Roof, Coping, and Fascia Restoration $581,919

Category: Renovation/Replacement

County: Columbiana

This project will completely replace the gymnasium roof as well as making selective replacements in other areas to the Classroom Building at the Salem Campus. The project will also perform a general renovation of copings; repair and replace flashing; and restore and replace the deteriorating fascia panels.

(KSU5) Kent State University - Stark

CAP-108 Basic Renovations--Stark $397,489

Category: Renovation/Replacement

County: Stark

These funds will be used for various renovation projects at the branch campus.

CAP-240 Roadway/Parking Lot Improvements, Phase I $250,000

Category: Renovation/Replacement

County: Stark

This project is the first phase of a two-phase project that will provide for the general restoration of the parking areas at the Stark Campus. It is expected that this phase will renovate approximately 12,000 square yards of paving, or 250-300 parking spaces. It will include, as necessary, surface removal, subsurface repair and compaction, correction of drainage, general resurfacing and sealing, and striping. It is estimated that a request of $1,400,000 state funds will be made for Phase II of the project in the FY 05-06 biennium.

CAP-241 Main Hall Selective Interior Renovation, Phase I $146,547

Category: Planning

County: Stark

This project is the first phase of a two-phase project that will make general and functional improvements to classrooms, teaching laboratories, offices, and service and support facilities. Funding from this biennium is expected to cover the planning and design for the project. Phase II of the project will include, as required, reconfiguration of space, changes to building systems, new surfaces and finishes, furniture, and equipment. It is estimated that a request of state funds will be made for Phase II of the project in the FY 05-06 biennium.

CAP-244 Fine Arts Building Addition **$1,300,000**

Category: New Construction

County: Stark

A project description is not available at this time.

(KSU6) Kent State University - Trumbull

CAP-111 Basic Renovations--Trumbull **$377,709**

Category: Renovation/Replacement

County: Trumbull

These funds will be used for various renovation projects at the branch campus.

CAP-242 Workforce Development Building **$1,156,076**

Category: New Construction

County: Trumbull

These funds will be used to retire the last of the revenue bonds that were issued to provide a portion of the funds for the Workforce Development Center. The Workforce Development Center includes two computer labs, a conference room, a high-tech multi-purpose room, classrooms, and various laboratories.

(KSU7) Kent State University - Tuscarawas

CAP-112 Basic Renovations--Tuscarawas **$201,082**

Category: Renovation/Replacement

County: Tuscarawas

These funds will be used for various renovation projects at the branch campus.

CAP-243 Classroom Building Interior Renovation **$804,594**

Category: Renovation/Replacement

County: Tuscarawas

This project will renovate 12,500 GSF of space that was vacated when the new Science and Technology Building was constructed. The project will convert former science labs into state-of-the-art classroom/lecture space. This will include the removal of old lab fixtures and equipment, the installation of new suspended ceilings and lay-in lighting, new wall treatment, and the addition of carpet. The project will add multimedia capability in selected rooms. In addition, depending on feasibility and funding, the existing nursing labs may be converted into a campus computer hub, and asphalt walkways may be replaced in concrete and some

overflow parking may be constructed.

(MCO) Medical College of Ohio at Toledo (MCOT)

CAP-010 Basic Renovations **$1,487,065**

Category: Renovation/Replacement

County: Lucas

These funds will be used for various renovation projects costing from $25,000 to $500,000. Examples include renovating classrooms, laboratories, and offices; replacing roofs and sidewalks; resurfacing roads and parking lots; and replacing wiring and lighting systems.

CAP-066 Core Research Facility **$2,386,440**

Category: Planning, New Construction

County: Lucas

These funds will be used to both plan and begin construction of the Core Research Facility. From the appropriation above, it is expected that $500,000 will be used for the planning, programming, and design of the Core Research Facility, which will provide research space for a variety of technological and educational projects. The remaining funds will be used to begin construction of a 40,000 square foot building to house the Core Research Facility. The new facility will centralize clinical and research programs in a setting designed to integrate various electronic teaching and research equipment in a specialized and flexible space. It will also have research space to support the Cancer Institute as well as other institutional programs. The total cost of the project, supported entirely by state funds, is estimated to be $10,500,000.

A previous appropriation of $4,620,583 was made to this line item CAP-066 Core Research/Clinical Education Support Center in Am. Sub. H.B. 640. However, none of the funds appropriated were used for the Core Research Facility. Instead, $1,650,000 was transferred to three separate renovation projects on December 4, 2000; and the remaining $2,970,583 was transferred to CAP-049 Center for the Classroom of the Future on April 23, 2001. The Controlling Board approved both of these transfers.

CAP-076 Supplemental Renovations **$880,000**

Category: Renovation/Replacement

County: Lucas

These funds will be used for a variety of renovation projects at the Medical College of Ohio Campus. These projects will include replacing the roof and waterproofing the exterior of the Health Education Building and the Ruppert Health Center; replacing the sky lights of Mulford Library, which are currently leaking water into the library; and repairing the curbs and storm catch basin as well as resurfacing Hospital Drive.

CAP-077 Academic/Classroom Improvements **$400,000**

Category: Renovation/Replacement

County: Lucas

These funds will be used for a variety of academic and classroom improvements at the Medical College of Ohio Campus. These projects include the Health Education Lab Renovation, which will remove the center lab tables and replace them with seminar style tables for flexibility, will replace the epoxy floor, and install multimedia computer and video teaching technology; improving lighting and installing computer-based multimedia instructional technology in two rooms of the Health Education Building; the Collier Building Lecture Improvements, which include replacing the current partitions with sound proof partitions, updating the teaching technology and connecting the rooms to the video distribution network; and installing computer-based multimedia instructional technology in the new room of Dowling Hall.

CAP-078 Clinical Academic Renovation **$700,000**

Category: Renovation/Replacement

County: Lucas

This project will include the renovation and expansion of current offices, research, and clinical space into larger areas with capabilities to use current technological teaching methods. Modern technology will be installed to facilitate both large and small classes in the clinical teaching areas. Existing clinical space and support areas will be upgraded to accommodate the movement and training of larger groups of medical students. The project will also include smaller breakaway teaching areas convenient to the college's patient population.

(MUN) Miami University - Main

CAP-018 Basic Renovations **$3,937,819**

Category: Renovation/Replacement

County: Butler

These funds will be used for various renovation projects costing from $25,000 to $500,000. Examples include renovating classrooms, laboratories, and offices; replacing roofs and sidewalks; resurfacing roads and parking lots; and replacing wiring and lighting systems.

CAP-089 North Campus High Voltage Feeder Improvements **$350,000**

Category: Renovation/Replacement

County: Butler

This project will continue the upgrade of the primary electric distribution system on campus since the existing system is near the limit of its capacity. The electric feeders will be replaced to support the eventual conversion of the system from 4.16 KV to 12.47 KV as the

primary distribution voltage. Local funds in the amount of $336,000 will also be used to support the current project. Previous appropriations that have supported the electrical upgrade include $1,100,000 in Am. Sub. H.B. 640, $1,000,000 in Am. Sub. H.B. 850, $500,000 in Am. H.B. 748, and $500,000 in Am. Sub. H.B. 790.

CAP-096 McGuffey Hall Rehabilitation, Phase III **$9,000,000**

Category: Renovation/Replacement

County: Butler

This project will complete the renovation of the 120,650 GSF of McGuffey Hall, which houses the School of Education and Allied Professions. McGuffey Hall was constructed in 1909 with additional wings constructed in 1915, 1916, and 1925. Portions of the building were renovated in 1966 and 1971. This project will include substantial infrastructure upgrades including mechanical, electrical, plumbing, and life safety work. These funds will be used for the construction and moveable equipment expenses associated with the project. The project will also be supported by $104,000 in local funds. Phase I of the project included the funding of professional services required for the preparation of the design documents, and was supported by an appropriation of $1,000,000 in Am. Sub. H.B. 790. Phase II of the project included relocation of the Dietetics Laboratory, and was supported by an appropriation of $1,000,000 in Am. H.B. 748.

CAP-099 King Library Ground & 3rd Floor Rehabilitation **$3,000,000**

Category: Renovation/Replacement

County: Butler

This project will continue the renovation of King Library, which is the main library facility on the Oxford Campus. The project will rehabilitate the 88,120 GSF of space on the ground and third floors of the building. This will include the replacement of old light fixtures, the upgrade of the electrical and data/telecommunications distribution systems, the replacement of mechanical systems components, and the reconfiguration of book stacks and space. In addition, work on the third floor will include the replacement of HVAC components, and the installation of new carpeting. The project will also include the replacement of the entire roof along with the installation of an emergency generator. Local funds in the amount of $1,000,000 will also be used to support the current project. A previous appropriation of $2,120,000 in Am. Sub. H.B. 790 was used to fund the rehabilitation of the first floor, and a previous appropriation of $1,600,000 in Am. Sub. H.B. 850 was used to fund the rehabilitation of the second floor. It is expected that this will be the last major project for this building for the foreseeable future.

CAP-127 Campus Steam Loop Connections **$350,000**

Category: Renovation/Replacement

County: Butler

This project will continue the process of increasing the reliability and flexibility of the campus steam distribution system. Currently, there are some sections of campus served only by a major steam line, whose failure would lead to a number of buildings to be without

steam. This project will start the installation of interconnecting pipes between existing radial lines so that buildings can be served from more than one direction. In addition, some existing steam lines will be upgraded as part of the new loop interconnections. Previous funding for the project included an appropriation of $500,000 in Am. Sub. H.B. 640 as well as $500,000 in local funds. It is estimated that a request of $1,081,000 in state funds will be made in the FY 2005-06 biennium, and $846,000 in the FY 2007-08 biennium. Local funding for the project is expected to include $498,200 in the current biennium, $1,300,000 in the FY 2005-06 biennium, and $1,300,000 in the FY 2007-08 biennium.

CAP-142 Engineering & Applied Science Facility, Planning **$500,000**

Category: Planning

County: Butler

These funds will provide for the planning and design of 60,000 GSF of new construction as well as the renovation of 60,000 GSF in Benton Hall. This will provide a new home for the School of Engineering and Applied Science, which is currently located in Gaskill and Kreger Halls. The new facility will completely update all aspects of the school including the laboratories, equipment, classrooms, and office spaces. It will also provide space for the soon to be created Department of Electrical and Computer Engineering. It is estimated that a request of $3,200,000 in state funds will be made in the FY 2005-06 biennium, and $7,619,160 in the FY 2007-08 biennium for the Benton Hall Renovation. The project will also be supported by $18,680,840 in local funds.

CAP-143 Warfield Hall Rehabilitation **$250,000**

Category: Planning

County: Butler

These funds will provide for the planning and design for the rehabilitation of 19,108 GSF Warfield Hall. Warfield Hall was constructed in 1962, and is the primary home to the Office of Student Affairs. This project will include the upgrade of mechanical, electrical, lighting, plumbing, data, telecommunication, and life safety systems. In addition, interior spaces will be modified to meet the programmatic and basic functional needs of the departments housed in the building. It is estimated that a request of $3,750,000 in state funds will be made in the FY 2005-06 biennium.

CAP-145 Campus Chilled Water Efficiency Upgrade **$339,109**

Category: Renovation/Replacement, Capital Equipment

County: Butler

This new project will install the necessary equipment to increase the operating efficiency of the central chilled water system on campus. This will include the replacement of cooling coils in numerous air conditioning units in a number of buildings, changes to the piping in the South Chiller Plant, and modifications to some controls and pumps. It is estimated that a request of $725,000 in state funds will be made in the FY 2005-06 biennium, and $1,073,000 in the FY 2007-08 biennium. Local funding for the project is expected to include $609,000 in the current biennium, and $525,000 in the FY 2005-06 biennium.

CAP-146 Information Technology Systems Upgrade **$811,969**

Category: Renovation/Replacement

County: Butler

This project will consist of upgrades to the university wide computer network. This will include upgrades to network equipment and fiber optic cable systems used in the Miami University data network. The project will establish a high-speed gigabit Ethernet backbone network throughout the Oxford, Hamilton, and Middletown campuses. This project will be supported by both state and local funds in the current biennium, and that there will be a request of state funds made in future bienniums.

CAP-147 Central Campus Water & Sewer Improvements **$350,000**

Category: Renovation/Replacement

County: Butler

This project will relocate existing city water and sewer lines running through University property, as well as replace aging water, sanitary, and storm sewer lines that have become maintenance problems. Local funds in the amount of $240,000 will also be used to support this project. Related work on the campus water and sewer systems is planned for future years. This related project would be supported by a request of $711,840 in state funds and $474,560 in local funds in the FY 2005-06 biennium, and by $711,480 in state funds and $500,000 in local funds in the FY 2007-08 biennium.

(MUN1) Miami University - Hamilton

CAP-066 Basic Renovations--Hamilton **$403,506**

Category: Renovation/Replacement

County: Butler

These funds will be used for various renovation projects at the branch campus.

CAP-113 Academic/Administrative Renovation Projects--Hamilton **$496,422**

Category: Renovation/Replacement

County: Butler

These funds will be used for a variety of academic and administrative renovation projects at the Hamilton Campus. These projects include the addition of classrooms to the second floor of Rentschler Hall; the renovation and construction of a small addition to the maintenance garage in order to provide adequate space for current needs; the replacement of a number of exterior doors on multiple buildings; the replacement of deteriorated water pipes in several buildings; and the expansion of office space in Mosler Hall. Previous appropriations for this line item include $591,426 in Am. Sub. H.B. 640, $469,540 in Am. Sub. H.B. 850, and $366,920 in Am. H.B. 748. These projects will be supported by both state and local funds.

The University expects to request additional state funds in the next two bienniums.

CAP-149 Parrish Auditorium Rehabilitation **$700,000**

Category: Renovation/Replacement

County: Butler

This project will rehabilitate Parrish Auditorium and its support spaces, which occupy the north end of Phelps Hall. Parrish Auditorium was constructed in 1971, and only minor improvements have been performed since that time. The project will create or provide improvements to the restrooms, lobby, box office, coat check, dressing rooms, a "green room," and the loading dock area in order to meet present day needs. Depending on the precise costs of the improvements above, the project will also replace the existing seating in the 450-seat facility.

(MUN2) Miami University - Middletown

CAP-069 Basic Renovations--Middletown **$400,104**

Category: Renovation/Replacement

County: Butler

These funds will be used for various renovation projects at the branch campus.

CAP-114 Chilled Water Loop--Middletown **$350,000**

Category: Renovation/Replacement

County: Butler

This project will complete the chilled water loop interconnecting the five major buildings on the Middletown Campus. These funds will install a new chiller in a location to be determined by a separate study. The funds will also be used to install new chilled water and hot water piping to Finkelman Auditorium and Theskin Hall. Previous appropriations for the project include $750,000 in Am. Sub. H.B. 850, and $750,000 in Am. H.B. 748.

The appropriation made in Am. H.B. 748 was transferred to the CAP-092 Science Building – Middletown project (Levey Hall), because it was determined that the new Science Building would be the proper location for the chiller. However, due to cost overruns in the Science Building project, the scope was reduced, eliminating the installation of the chiller itself, though approximately $350,000 was spent for work that included piping and control systems needed for the chilled water loop. The remaining $393,699 that was unused in the Science Building project has been transferred back to the Chilled Water Loop line item.

CAP-115 Academic/Administrative Renovation Projects--Middletown **$688,506**

Category: Renovation/Replacement

County: Butler

These funds will be used for a variety of academic and administrative projects at the Middletown Campus. These projects include improvements to the academic and office spaces of the Nursing program; replacement of ceilings and light fixtures throughout the campus; and upgrades to Verity Lodge in order to provide a new classroom and rework the existing food service area to accommodate the installation of new restrooms. These projects will be supported by both state and local funds. The University expects to request additional state funds in the next two bienniums.

CAP-131 Miami University Learning Center **$1,000,000**

Category: New Construction

County: Butler

This project will construct a 17,000 GSF building on a 20-acre parcel acquired from the federal government, which had used the land as the site for a Voice of America facility. The new building will serve as a learning center to provide workforce development opportunities for professionals and entry-level employees in the Butler and Warren Counties area. The building will include approximately six classrooms/conference rooms, a lecture hall, a reception area, a workstation area, administrative offices, and a parking lot. The total cost of the project is estimated at $5,000,000. A previous appropriation of $500,000 was made in Am. Sub. H.B. 640 for the planning phase of the project.

CAP-150 Student & Community Center **$400,000**

Category: Planning

County: Butler

These funds will be used to develop a design for the rehabilitation of the existing Student Center, located in Johnston Hall, as well as the Middletown Campus library, located in the Gardner-Harvey Building. The rehabilitation of the Student Center will include a new food service operation, internet access capabilities and TV monitors throughout the area, a small convenience store, a conference room, two meeting rooms, a game room, and updated office space. The library portion of the project will include renovations to the infrastructure and mechanical systems, new group study rooms, and making the building ADA compliant. Current planning concepts also include the possibility of relocating the Student and Community Center to the Gardner-Harvey Building and the library and computer center to Johnston Hall. It is estimated that a request of $3,000,000 in state funds will be made in the FY 2005-06 biennium. The project will also be supported by $3,000,000 in local funds in the FY 2005-06 biennium.

(NEM) Northeastern Ohio Universities College of Medicine (NEOUCOM)

CAP-018 Basic Renovations **$479,162**

Category: Renovation/Replacement

County: Portage

These funds will be used for various renovation projects costing from $25,000 to $500,000. Examples include renovating classrooms, laboratories, and offices; replacing roofs and sidewalks; resurfacing roads and parking lots; and replacing wiring and lighting systems.

CAP-022 Cooperative Regional Library Depository--NE **$452,200**

Category: Planning

County: Portage

These funds will be used for the planning and design of the expansion of the Library Depository. The expansion will construct a second storage module, which will provide 10,000 GSF of new space that will allow for the storage of between 1 million to 1.5 million volumes of low-activity library materials. In addition to the second module, the expansion of the Library Depository will include the construction of a 4,267 GSF film vault, which will provide an appropriate environment for the long-term storage and care of film material. In addition to the new construction, the project will also purchase a second mobile personnel lift for shelf access, as well as renovate and expand the existing shipping and receiving dock. It is estimated that the total cost of the Library Depository project will be approximately $4.7 million, and will be funded entirely by state funds.

CAP-045 Renovation of Olson and Meshel Halls **$1,341,849**

Category: Renovation/Replacement

County: Portage

This project will renovate Olson Hall and will reconfigure Meshel Hall into a teaching classroom. The project will renovate 3,375 square feet of tiered lecture and presentation space of Olson Hall to provide for up to 132 students at continuous writing surfaces. The project will also improve the interior aesthetics, acoustics, and HVAC system, along with the installation of state-of-the-art video and audio equipment. The project will also reconfigure and renovate 3,145 square feet of Meshel Hall into a 125-seat classroom with fixed writing surfaces and power/data connections. The project will also renovate an additional 1,575 square feet adjacent to the new classroom proposed for Meshel Hall in order to provide office space and meeting/conference facilities to support the need for smaller, technology-rich areas. The renovation will include the upgrade of the lighting, audio-video, and HVAC systems. Meshel Hall was originally constructed for use as a conference facility, but limitations of the College's other primary teaching classroom make it necessary to adapt this space as a replacement.

(OSU) The Ohio State University - Main

CAP-074 Basic Renovations **$19,402,364**

Category: Renovation/Replacement

County: Franklin

These funds will be used for various renovation projects costing from $25,000 to $500,000. Examples include renovating classrooms, laboratories, and offices; replacing roofs and sidewalks; resurfacing roads and parking lots; and replacing wiring and lighting systems.

CAP-149 Basic Renovations–Regional Campuses **$1,519,898**

Category: Renovation/Replacement

County: Multi-county - Allen, Licking, Marion, Richland, Wayne

The funds will be used for various renovation projects at the several Ohio State University branch campuses in the five counties, as follows:

Allen County: The Ohio State University–Lima
Licking County: The Ohio State University–Newark
Marion County: The Ohio State University–Marion
Richland County: The Ohio State University–Mansfield
Wayne County: The Ohio State University–Agricultural Technical Institute (ATI)
Wayne County: The Ohio State University–OARDC

CAP-486 Larkins Hall Addition and Rehabilitation **$20,023,667**

Category: New Construction

County: Franklin

This project will raze Larkins Hall, a building of 369,000 GSF, and replace it by constructing new facilities of 605,000 GSF for the department of recreational sports, the School of Physical Activity & Educational Services (College of Education), the department of athletics, and the classroom pool. While the original plan was to rehabilitate Larkins Hall and build an addition, the university's Recreation, Education, and Athletic Feasibility Study reported that the current facilities are inadequate in both quality and quantity of space and that these inadequacies directly affect the university's student recruitment and retention efforts. The study concluded that a complete rehabilitation of Larkins Hall is not the most financially viable way to address the university's needs and that new facilities are needed.

The project will address current as well as projected growth needs for the departments. The total cost of the project is estimated to be $136,000,000. The university will contribute $100,000,000 of this amount and intends the state to provide the balance of $36,000,000. Previous state funding includes appropriations of $3,000,000 in H.B. 850 and $5,000,000 in H.B. 640, so this new appropriation will bring the state's total contribution to $28,023,667.

CAP-487 Robinson Laboratory Replacement **$20,000,000**

Category: New Construction

County: Franklin

This project will replace the existing 97,271 GSF Robinson Laboratory with a new 234,211 GSF building to house the department of mechanical engineering, which will merge with the applied mechanics section. The construction will proceed in phases over several years in order to obviate the relocation of the department from the existing Robinson Laboratory. The project will significantly increase the amount of net assignable space from 68,813 to 128,816 NASF and will also provide replacement classroom pool space. The project will enable the vacating of space in Boyd Laboratory and the KRC building, which will become available for

reassignment.

Robinson Laboratory was constructed in 1908 and was last renovated in 1962-63. The first floor has had flooding problems because of inadequate drainage slope away from the building. Further, there is no basement to accommodate a drainage system and the roof drains built into the wall and under the floors are too small to handle the volume of water generated by a heavy rainstorm.

Of the project's estimated cost of $72,500,000, $52,500,000 will be supported by state funds and $20,000,000 will be supported by local institution funds acquired through fund-raising. Of the state's total amount, $1,000,000 for planning was appropriated in H.B. 850 and $2,500,000, also for planning, was appropriated in H.B. 640. The balance of $29,000,000 in state funds will be requested for future bienniums.

CAP-534 Main Library Rehabilitation/Expansion **$4,200,000**

Category: Renovation/Replacement

County: Franklin

In the FY 2001-FY 2002 biennium the university began an eight-year project to renovate the Main Library. The $500,000 appropriated in H.B. 640 was used for a feasibility study to determine the amount of funds that could be raised externally and to ensure that the library is designed to take advantage of new technology. In the FY 2003-FY 2004 biennium additional state funds will be used for detailed design; the renovation work is expected to begin in FY 2005. The total cost of the renovation has not yet been estimated.

The renovation will serve current and future user needs with expanded stack space, small study rooms, expanded reference assistance, expanded workstation capacity, and enhanced security. It will reconfigure the space given to house, study and display the special collections in the building. It will also promote and showcase the multidisciplinary efforts of the university and its commitment to teaching and learning by providing more opportunities for demonstrations of new technology, lectures related to library collections and exhibits, etc.

CAP-535 Psychology Building **$15,000,000**

Category: New Construction

County: Franklin

A new 139,500 GSF facility will be constructed for the department of psychology, as well as for classroom support, the classroom pool, and the College of Social and Behavioral Sciences' teaching and research programs. Currently the psychology department is housed in two buildings that are no longer adequate because of the department's growing number of faculty members and its growing research budget. The department has one of the largest teaching programs at the university and, with a strong research unit and a Selective Investment award, is closer to achieving its goal of top-ten status. The new facility is considered critical to that purpose.

The new building will have 77,000 NASF of space. The project is estimated to cost $35,000,000, all of which is to be provided by state appropriations. For the FY 2001-02

biennium $3,000,000 was appropriated in H.B. 640. The balance of $17,000,000 is expected to be requested for the FY 2005-FY 2006 biennium.

CAP-618 Laboratory Animal Facilities **$6,700,000**

Category: New Construction & Renovation

County: Franklin

The project will construct 20,000 NASF of new facilities in and near the current Wiseman Hall facility, as well as renovating 5,000 NASF of existing facilities in Pressey Hall, in order to accommodate laboratory animal resources. The department of university laboratory animal resources is responsible for procuring, shipping, housing, and overseeing the quarantine operations of animals used in teaching and research. The department receives 50,000 animals per year and, given the significant increase in animal research in recent years, the current facilities will not be adequate for future needs. The university's largest animal facility, comprising 90,000 NASF, is nearly 30 years old and existing space has been reprogrammed to the extent possible. The estimated cost of the project is $17,000,000, of which the state is to provide $6,700,000 and the university, $10,300,000.

CAP-619 Fry Hall Building Addition **$3,600,000**

Category: New Construction & Renovation

County: Franklin

This project will construct three additional floors and a mechanical penthouse space above the existing three floors of Fry Hall for the College of Optometry. The existing mechanical equipment room on the third floor is to be removed and the vacated space renovated for office and laboratory space. Since FY 1995 the College of Optometry has grown by a factor of 15. The additional space is needed to support a significant increase in the numbers of faculty, staff, and support staff members, with a corresponding increase in space needed for research. Recently the college has been using borrowed space for its educational programs.

Besides constructing 15,000 NASF of new floors, the project will renovate 1,400 NASF (the third-floor mechanical room) of the 29,000 NASF of current space. The project is estimated to cost $8,100,000. The state will provide $4,600,000, of which $1,000,000 is to come from a Board of Regents Action Fund grant; the remaining $3,500,000 will be supported by local funds ($500,000) and by private and federal grants.

CAP-620 School of Music, Planning **$250,000**

Category: Planning

County: Franklin

The funds will support the beginning of a planning process that will consider options for the consolidation of the School of Music program spaces. The two options to be explored are (1) the rehabilitation and new construction to existing Hughes Hall and (2) the construction of a new music building, on a site to be determined, that would house the entire operations of the School of Music. The planning effort is estimated to cost $1,000,000, an amount to be supported entirely by state funds.

(OSU1) The Ohio State University - Lima

CAP-629 Community Heritage Art Gallery **$100,000**

Category: Planning

County: Allen

The appropriation will support the planning for the new Community Heritage Art Gallery at the Ohio State University at Lima. The university and a citizens group have set out to fund and build an art gallery that will help the community celebrate the culture, art, origins, breadth, and future unique to the people of the community. The vision for the gallery is to enable many cultures to maintain their heritages through a continuous display of artifacts and art objects.

(OSU3) The Ohio State University - Marion

CAP-427 Morrill Hall First Floor Rehabilitation **$730,742**

Category: Renovation/Replacement

County: Marion

The project will renovate approximately 13,500 NASF of mostly administrative space on the first floor of Morrill Hall. One-third of the new space will be classrooms, while the remainder will mainly be assignable non-instructional space, such as administrative offices. These rooms have not been rehabilitated since their original construction more than 30 years ago. The growth of enrollment and campus programs and offerings, combined with wear and tear on the facility, has necessitated the redesign and rehabilitation of this administrative and academic space. The total project cost is estimated to be $1,606,600, all of which is to be supported by state funds. The project is to be phased over the next two biennia; it is estimated that the balance of the state funds will be required in the FY 2005-06 biennium.

(OSU4) The Ohio State University - Newark

CAP-621 The John Gilbert Reese Center **$3,358,924**

Category: New Construction

County: Licking

The new 70,560 GSF center will include a 600-seat auditorium and conference facility, classrooms equipped with state-of-the-art functions and technology, and spaces designated for student activities and leadership development. The center is to serve the needs of both the OSU Newark campus and the adjoining Central Ohio Technical College campus, as well as serve the surrounding campus community. The combined Newark campus has seen consistent and sustained growth, creating space shortages on the campus, not only for classrooms but also for associated faculty office space. Further, a polling of business and community constituencies also indicated the need for a facility with better training facilities and large meeting areas. The center is expected to be a model of the incorporation of new and emerging technologies into the academic curriculum, as well as a model of community

outreach.

The project is estimated to cost $13,334,580, of which private gifts will provide $7,623,000. This bill appropriates funds for each campus for this project. The amount appropriated for the Ohio State University–Newark constitutes several bienniums' worth of capital allocations that have been 'banked' by the university. The amount appropriated for Central Ohio Technical College will be a new appropriation. With these two appropriations, a balance of $142,789 remains to meet the project's total estimated cost.

(OSU6) The Ohio State University - OARDC

CAP-255 Supplemental Renovations--OARDC **$1,760,278**

Category: Renovation/Replacement

County: Wayne

In lieu of a basic renovations line item, this supplemental renovations line item provides funds for various renovation projects at the Ohio Agricultural Research and Development Center (OARDC). The funds are used to maintain the infrastructure and renovate critical spaces within buildings, including planned renovations, critical life safety issues, and replacement of failing mechanical systems. The major projects for the biennium include: (1) the renovation of Hayden Hall to support new program areas and teams, (2) the improvement of life safety features in several buildings, including emergency lights and fire alarm systems, (3) bringing spaces into compliance with OSHA requirements, (4) the replacement of heating systems and air handlers in Fisher Auditorium, including conversion from electric heat to gas heat, (5) road improvements, and (6) roof replacements. Previous appropriations for this appropriation item include $1,000,000 in H.B. 850 and $2,306,350 in H.B. 640.

CAP-531 Animal and Plant Biology Level 3 Isolation Facilities, Phase I **$2,000,000**

Category: New Construction

County: Wayne

The appropriated state funds will support the first phase of a project to provide a high-security isolation (BL-3) facility, to be used for food-producing animals and plant research. The space is critical to meet the increasing isolation requirements associated with research with infectious agents and genetically engineered materials. There is no such space on the Wooster campus; for food animals there is no equivalent space in the state of Ohio. All existing space that might be considered for renovation provides only lower-level isolation; and there is a waiting list for researchers to use the existing space. Any space available for reassignment is not of a construction type that would justify renovation.

This first phase has two components, the design of a comprehensive project to construct a permanent building of 64,000 GSF, as appropriate, and the possible purchase of some pre-built and certified temporary facilities that meet the requirements. The proposed permanent facility will support the programs of many departments, including animal sciences, horticulture and crop science, plant pathology, natural resources, and the Food Animal Health Research Program. Capabilities to properly treat all materials leaving the facilities will be provided. This design/temporary facilities phase of the project is estimated to cost

$2,450,000. State funding of $200,000 for the pre-planning process was appropriated in H.B. 640; therefore, $2,250,000 is needed to complete the funding for the first phase. To support the construction of the proposed permanent facility, the total cost of which has not yet been determined, the university is looking to obtain a significant private or federal grant.

CAP-622 Western Branch Headquarters and Machinery Building $850,000

Category: New Construction

County: Clark

Additional enclosed equipment storage is needed to reduce the amount of equipment that is left out-of-doors. It also will provide additional swine nursery and farrowing facilities for an expanding swine research program and will meet the changing research needs of the faculty. Space in the existing buildings, which were built in 1900 and 1935, is not available to meet these needs. The project will provide 7,000 GSF of machinery space, 3,500 GSF of office, workroom and shop space, and 5,000 GSF of swine housing facilities. The buildings will be a combination of post frame and masonry. The total estimated project cost is $1,750,000, to be met entirely by state funds. The timing of the request for the $900,000 balance has yet to be determined.

CAP-623 Piketon Training and Development Center $900,000

Category: New Construction

County: Pike

The OSU centers at Piketon support many research, teaching, and service activities with emphasis toward helping the people of southern Ohio. This project will provide about 25,000 square feet of space to support training and development activities. The building will be adjacent to and enhance the activities of the existing office and laboratory building at Piketon. It will include several office suites and rooms for use in training and business and industry incubation activities. The total project budget is $3,100,000; the balance of approximately $2,200,000 will be supported by local funds, coming from grants.

CAP-624 Muck Crops Branch Office/Shop Building Replacement $825,000

Category: New Construction

County: Wayne

This project will replace the existing 786/Main Building-Muck Crops Branch Building with a modern building that will include office space, restrooms, shop area, storage area, pesticide handling needs, and work space. The existing building will have to be removed before the new building can be constructed. The project will also add an additional 1,500 GSF to the headhouse; it will support current research on the Wooster campus. The total estimated project cost is $825,000.

CAP-625 Hazardous Waste Handling and Storage Building $1,103,062

Category: New Construction

County: Wayne

This new project will construct a single-story building using the materials required by the appropriate codes and regulations for the storage of hazardous and low-level radioactive wastes. The space will include a shipping and receiving area, an office/records area, various work rooms for processing and packaging waste materials, a storage area for chemical waste, and a long-term storage area for isotope materials. The existing hazardous waste storage areas will then be returned to research laboratory functions. Facilities for the handling, packaging and storage of hazardous waste and radioactive waste are needed to meet the licensing requirements for these materials. Currently, these materials are stored in laboratories and in rooms throughout the campus. Many locations are marginal in meeting storage requirements and some take research space away from the researchers. The total project cost is estimated to be $1,900,000, all of which is to be supported by state funds. This appropriation provides 58 percent of the total requirement; the timing of the request for the $796,938 balance has yet to be determined.

CAP-626 Agricultural Engineering Building Renovation and Addition $200,000

Category: Planning, Renovation/Replacement

County: Wayne

This new project will renovate the Agricultural Engineering Building. The current building, which was built in 1958, lacks adequate space for current faculty, staff, graduate students, and visiting scientists, and requires major renovations to comply with current ADA and OSHA codes and requirements, such as updating restrooms and installing an elevator. The renovation will include asbestos abatement, window replacement, HVAC replacement, connection of the building to the central chilled water loop, renovation of existing classrooms, offices, workrooms, conference rooms and laboratories, improvement of life/safety systems, renovation of the shop area to improve energy efficiency and air quality, and the provision of some new equipment. In order to meet the ADA accessibility requirement, an addition to the building might have to be considered; this addition would provide the necessary offices, laboratories and work spaces, the ADA restrooms, and space for the mechanical equipment needed to serve the addition. The project is estimated to cost $4,000,000, to be funded entirely by the state. The current appropriation will provide planning funds.

CAP-628 Wood County Center for Agriculture $1,000,000

Category: New Construction, Renovation/Replacement

County: Wood

The center will provide a one-stop service facility for all agriculturally related offices in Wood County, including the OSU extension services and other agriculture-linked agencies.

(OHU) Ohio University - Main

CAP-020 Basic Renovations $4,906,331

Category: Renovation/Replacement

County: Athens

These funds will be used for various renovation projects costing from $25,000 to $500,000. Examples include renovating classrooms, laboratories, and offices; replacing roofs and sidewalks; resurfacing roads and parking lots; and replacing wiring and lighting systems.

CAP-164 Southeast Library Warehouse **$235,885**

Category: Planning, New Construction

County: Athens

This project will enhance the Southeastern Regional Depository, located at the Ohio University main campus, by constructing an addition to the previously rehabilitated Gibson Building. The addition will be 10,830 NASF of high bay book storage with an adjacent loading dock and processing area. The processing area will be enlarged and renovated during this project. Further, an alternate will be developed and bid to enclose the existing 2,162 NASF carport into a two-story office area. This expansion is directly related to the growth of Ohio University's library system. The existing book depository has reached 75 percent of its capacity and is anticipated to be at full capacity by mid-2004. The book depository facility was originally an automobile dealership that was renovated for book storage. The university had purchased the property because it had available land for expansion. This has been a planned project for future growth. The total cost of the project is estimated to be $2,894,919, of which local funds will contribute $271,000.

From time to time the state appropriates funds for the renovation and expansion of the state's system of several book depositories. These depositories provide economical and environmentally beneficial high-density storage for low-activity library books and materials and archival records for Ohio's state-assisted universities. The use of the centralized depositories reduces the requirements for major library expansions on the campuses solely for the purpose of maintaining collections on campus.

(OHU1) Ohio University - Eastern

CAP-095 Basic Renovations--Eastern **$192,413**

Category: Renovation/Replacement

County: Belmont

These funds will be used for various renovation projects at the branch campus.

CAP-214 Science/Fine Arts Renovation, Phase II **$725,213**

Category: Land Acquisition/Site Development, Renovation/Replacement

County: Belmont

The existing 20,000 GSF classroom building located on the university's Eastern campus was intended to be acquired from Belmont Technical College during the previous biennium and renovated into science teaching laboratories and fine arts classrooms and laboratories. At this time, however, the building has not been purchased pending BTC's assessment of its

own space needs and the determination of an appropriate price for the university's purchase of the building.

The campus' existing laboratories do not meet program needs because of inadequate laboratory support areas and ineffective mechanical systems. The renovation of this classroom building would provide the required larger and safer teaching laboratories. The areas that would subsequently be vacated in Shannon Hall would become available for faculty offices and for expansion of the existing day-care program into an accredited child-care facility. The renovation would also enable the construction of an addition that would serve as a ground maintenance building. Phase I of the project would involve the site acquisition/development and planning for a phased renovation of the building; Phases II and III would pursue the renovation.

The total cost of this acquisition and rehabilitation project was estimated to be $2,700,000; the entire cost is to be supported by state funds. Previous funding for this project includes a $1,022,957 appropriation, under CAP-200, Building Acquisition and Renovation, Phase I, in H.B. 640; these funds remain available. A previous appropriation of $398,040 in H.B. 850 for the project CAP-144, Shannon Hall Laboratory Rehabilitation: Phase I–Eastern, was to have been transferred to CAP-200 to help fund this project. The Shannon Hall rehabilitation has been completed and the $398,040 remains available.

CAP-215 Land-use Plan for Future Development **$30,000**

Category: Planning

County: Belmont

The land-use study will provide guidance to the Eastern campus for future growth as it responds to economic pressures. Because the campus is close to both Interstate 70 and State Route 331, the local and regional businesses would like to establish a relationship with the campus for economic development for the local community and the region.

(OHU2) Ohio University - Chillicothe

CAP-113 Basic Renovations--Chillicothe **$227,923**

Category: Renovation/Replacement

County: Ross

These funds will be used for various renovation projects at the branch campus.

CAP-115 Bennett Hall Interior Renovation, Phase V **$828,166**

Category: Renovation/Replacement

County: Ross

This phase of the project will continue the renovation of the main central building at the Chillicothe campus. The overall project is currently approximately 60 percent completed. The remaining work will include upgrades in building finishes, electric and data wiring, furnishings, and classroom and laboratory equipment. This project has been ongoing since

the 118th General Assembly provided the first appropriations for it in the 1991-92 capital budget. The 93,940 GSF facility was expected to be completely renovated over the next five bienniums; however, this appropriation extends the funding into a seventh biennium. The total cost of the project is estimated at $5-7 million, all of which is to be supported by the state. Previous biennial appropriations include $1,082,262 in H.B. 640, $953,030 in H.B. 850, $440,000 in H.B. 748, and $932,000 in H.B. 790.

CAP-212 Exterior Site Improvements **$248,065**

Category: Renovation/Replacement

County: Ross

The project will improve the landscaping, way-finding, walkways, streets and parking on the Chillicothe campus. The total project cost is estimated to be $354,928, all of which is to be supported by the state.

(OHU3) Ohio University - Southern

CAP-114 Basic Renovations--Ironton **$131,128**

Category: Renovation/Replacement

County: Lawrence

These funds will be used for various renovation projects at the branch campus.

CAP-213 Daycare Center **$447,950**

Category: Renovation/Replacement

County: Lawrence

This project will renovate 3,000 GSF of space, which will be combined with another 3,000 GSF of existing space to provide the facilities for a child care center to be operated for the student, faculty and staff. The center will provide classrooms, kitchen/serving and play area for the children and staff. The center's income from day care fees will offset the operating costs of the facility. The total cost of the facility is estimated to be $761,950, of which $447,950 is to be supported by the state and $314,000 is to be provided by local funds. Currently a church in Proctorville is being rented for $1,800/month to accommodate classes. When the center becomes available, these funds will be freed and will also be used to defray the operating costs of the center.

CAP-216 Proctorville Planning and Site Improvements, Phase I **$141,474**

Category: Planning, Land Acquisition/Site Development

County: Lawrence

This is the first phase of a new project to develop the Proctorville site for classrooms, offices, and recreational facilities. This phase will produce a plan to determine the best way to utilize the site's 20,000 GSF. The total cost of the project is estimated to be $3,000,000, of which

$1,504,100 is to be supported by local institution funds and the remaining $1,295,900, by the state. The project is expected to continue through the FY 2007-FY 2008 biennium.

(OHU4) Ohio University - Lancaster

CAP-098 Basic Renovations--Lancaster **$255,635**

Category: Renovation/Replacement

County: Fairfield

These funds will be used for various renovation projects at the branch campus.

CAP-155 Brasee Hall Interior Renovations, Phase III **$1,043,079**

Category: Renovation/Replacement

County: Fairfield

This is the third phase of a continuing project that was begun during the FY 1997-98 biennium in order to renovate most of this large multi-use building, an administrative and classroom facility with a physical education addition. The overall project includes the library, classrooms, administrative spaces, and mechanical systems. This phase of the project will renovate the existing student food service area, student lounge and bookstore, a total of 10,000 GSF, to provide a student center that will open onto a renovated exterior activity area. The program for this renovation was developed from the current space utilization study.

The total cost of this phase of the project is $1,153,601, all of which was to be supported by state funds. Previous appropriations include $1,100,521 in H.B. 640, $516,760 in H.B. 850 and $600,000 in H.B. 748.

CAP-169 Elevator Completion **$70,000**

Category: New Construction

County: Fairfield

This new project will construct a new elevator to improve the interior circulation in the southern half of Brasee Hall. This elevator, connecting all five levels, will be an addition to the exterior of the building and, therefore, will not require any space to be vacated. The existing elevator shaft, located inside the building, is too small to accommodate an ADA-compliant elevator. Although this project involves Brasee Hall, which is also undergoing rehabilitation (see CAP-155), it is independent of that project. The cost of this project is estimated to be $252,651, all of which is to be supported by state funds. The remaining $182,651 for the project will be transferred to this line item from CAP-098, Basic Renovations–Lancaster Campus.

(OHU5) Ohio University - Zanesville

CAP-099 Basic Renovations--Zanesville **$243,268**

Category: Renovation/Replacement

County: Muskingum

These funds will be used for various renovation projects at the branch campus.

CAP-172 Elson Hall Renovation, Phase III **$1,075,726**

Category: Renovation/Replacement

County: Muskingum

This three-phase project consists of a major rehabilitation of the interior spaces and building systems of Elson Hall. Phases I and II renovated the first floor. Phase III will do the same for the second floor; it will include architectural, electrical, mechanical (HVAC), and fire protection elements. As with the previous phases of renovation, this work will include modifying the existing structure, relocating walls, and replacing fixtures, finishes, and equipment. Elson Hall was constructed in 1967; all of its systems and most of its interior finishes date to the original construction. The renovation is supported entirely by state funds. This phase of the project is estimated to cost $1,182,538, all of which is to be supported by the state. Previous appropriations for this project include $1,085,613 in H.B. 640, $1,136,920 in H.B. 850 and $704,000 in H.B. 748. The roof of the building is currently being replaced under a different project funded under the Basic Renovations appropriation item.

(SSC) Shawnee State University

CAP-004 Basic Renovations **$936,147**

Category: Renovation/Replacement

County: Scioto

These funds will be used for various renovation projects costing from $25,000 to $500,000. Examples include renovating classrooms, laboratories, and offices; replacing roofs and sidewalks; resurfacing roads and parking lots; and replacing wiring and lighting systems.

CAP-044 Land Acquisition **$123,223**

Category: Land Acquisition/Site Development

County: Scioto

The property to be acquired will be used to expand the campus to the boundaries identified by the university's Master Plan 2000. The Master Plan identifies additional dormitories and green space currently needed to support the current and future student-housing base. Additional build locations are suggested but no specific building expansion is being planned. The acquisitions are to be made with state funds.

CAP-045 Health Sciences Building Rehabilitation, Phase II **$965,000**

Category: Renovation/Replacement

County: Scioto

This two-phase project, which received initial funding in H.B. 640, was delayed to enable review by the new dean. The project will rehabilitate the entire interior of the Health Sciences Building because of its age and the inefficiency and obsolescence of its lighting, HVAC, plumbing, and other mechanical systems. Plans call for upgrading the floor, ceiling and wall coverings, and upgrading the classrooms to include the latest technology for specific health science programs. New HVAC equipment is replacing 24-year-old equipment to enhance comfort levels and improve energy efficiency. Light fixtures are being replaced by electronically-ballasted high-efficiency fixtures. Part of the roof was replaced in 1999 in a separate project. This project is estimated to cost $1,681,974, all of which is to be supported by state funds. This appropriation is for the balance of the funding; the previous appropriation in H.B. 640 was for $716,974.

CAP-047 Natatorium Rehabilitation **$450,000**

Category: Renovation/Replacement

County: Scioto

Renovation of the shower and locker rooms is needed for both mechanical and cosmetic reasons. These rooms' close proximity to the pool has caused the areas to deteriorate much more quickly than is normal. A new non-slip pool deck will be added and new pool-water monitoring systems will be installed. The entire project is estimated to cost $450,000, all of which is to be supported by state funds.

CAP-048 Facilities Building Renovation **$242,120**

Category: Renovation/Replacement

County: Scioto

A newly purchased 12,500 GSF storage building will be renovated to house the Facilities Office functions. Interior spaces will be upgraded to house several offices as well as project archives and conference rooms. Mechanical equipment will be added to support these functions. Other areas will remain as storage space for surplus material storage.

(UTO) University of Toledo

CAP-010 Basic Renovations **$4,599,389**

Category: Renovation/Replacement

County: Lucas

These funds will be used for various renovation projects costing from $25,000 to $500,000. Examples include renovating classrooms, laboratories, and offices; replacing roofs and

sidewalks; resurfacing roads and parking lots; and replacing wiring and lighting systems.

CAP-105 Gillham Hall Rehabilitation **$9,382,871**

Category: Renovation/Replacement

County: Lucas

The project will completely renovate Gillham Hall, a building of 92,000 GSF constructed in 1953 on an important site on the main campus. The building will then become the home of the College of Education. The renovation will be phased, one floor at a time, although it will be done under one set of bid documents and contracts. The work will effect major infrastructure modifications, including upgrades to the electrical, mechanical, and life safety systems, and the installation of a new multi-zone HVAC system. The entire project is estimated to cost $11,050,000, all of which will be supported by state funds.

CAP-115 Palmer Hall–Third Floor Classroom Rehabilitation **$2,200,000**

Category: Renovation/Replacement

County: Lucas

This new project will rehabilitate this 64,400 GSF building's third floor, with 15,000 GSF of space, in order to upgrade or add 13 general classrooms with a total of 12,600 NASF. The project will include systems upgrades. The building's first floor was renovated for the bioengineering department in 1999; the second floor has also undergone renovation, to provide two distance-learning rooms and three general classrooms. The entire project is estimated to cost $2,200,000, all of which is to be supported by the state. The first and second floors of the building have been rehabilitated in the past few years.

CAP-116 Bowman-Oddy–North Wing Renovation **$5,207,000**

Category: Renovation/Replacement

County: Lucas

The continuing effort to renovate the 173,000 GSF Bowman-Oddy Laboratories building began with a planning study in the FY 1999-FY 2000 biennium and will comprise several phases, each of which will be an individual project with its own CAP number. The renovation effort's purpose is to return the building to its original function as an undergraduate teaching laboratory building for the departments of biology, chemistry, and geology. The building is also greatly in need of major mechanical and electrical systems rehabilitation and upgrade. The existing laboratories have remained essentially unchanged since the original construction in 1967. This current project will renovate 22,000 GSF of space, including nine laboratories and auxiliary spaces on the second and third floors. The phased approach is necessary in order to leave in operation enough space to accommodate the ongoing instructional and research science needs of the campus. This project is estimated to cost $5,207,000, all of which is to be supported by the state. The university anticipates future projects in the building's rehabilitation, the total scope and cost of which are yet to be determined.

Other work on the Bowman-Oddy building was performed in previous bienniums, including

CAP-083, which spent $452,000 for a new roof and $209,000 for a vivarium (small animal research facility); and CAP-106, which spent $2,762,191 to renovate four undergraduate chemistry laboratories. These projects, however, are not considered part of the current rehabilitation effort.

(WSU) Wright State University - Main

CAP-015 Basic Renovations **$3,205,721**

Category: Renovation/Replacement

County: Greene

These funds will be used for various renovation projects costing from $25,000 to $500,000. Examples include renovating classrooms, laboratories, and offices; replacing roofs and sidewalks; resurfacing roads and parking lots; and replacing wiring and lighting systems.

CAP-093 Information Technology Center **$451**

Category: Renovation/Replacement

County: Greene

A project description is not available at this time. These funds were reappropriated in H.B. 524 of the 124th General Assembly.

CAP-103 Millett Hall Rehabilitation **$2,417,500**

Category: Renovation/Replacement

County: Greene

This project was being completed in November 2002. The actual total cost will be $14,985,000, all of which is to be supported by the state. This bill's $2,700,000 appropriation will reimburse the university for local funds used to expedite the construction phase of the project. The Ohio Board of Regents and the Ohio Facilities Commission have approved a Declaration of Official Intent for Reimbursement of Expenditures from Bonds/Notes.

The project is renovating all of Millett Hall for the College of Liberal Arts and general classrooms. The college has been housed in inadequate space in Millett Hall and various buildings throughout the campus; the renovated Millett Hall will bring most of the college under one roof. The project includes several new replacement components: the roof, a chiller, a boiler, an air handler, a transformer and electrical bus bars, partition walls, floor and wall finishes, acoustical ceiling grid and tiles, light fixtures, and a fire alarm and fire suppression system. In addition, the elevators will be upgraded and the windows repaired.

Previous appropriations for this project include $1,000,000 in H.B. 850 (for design services) and $11,285,211 in H.B. 850.

CAP-110 Student Union Marketplace **$1,000,000**

Category: Renovation/Replacement

County: Greene

This project, being completed in November 2002, renovated 33,000 square feet of space on the first floor of the west wing of the Student Union. This wing was transformed into a marketplace-style dining facility. The west wing of the Student Union currently houses the cafeteria for the university and had been targeted for a $2 million infrastructure replacement project. The creation of this marketplace project during 2002 was the most opportune time to incorporate the food service master plan with the total rehabilitation of this wing of the 33-year-old building. The Marketplace was the last phase of a two-part food service master plan to create better dining facilities in an updated building while improving the economics for delivering the services.

The total project cost is estimated to be $8,308,000, of which a state appropriation of $1,000,000 will reimburse the university for local funds used to expedite the construction of the Marketplace project. The Ohio Board of Regents and the Ohio Facilities Commission have approved a Declaration of Official Intent for Reimbursement of Expenditures from Bonds/Notes. Of the remaining amount, $6,475,114 will be provided by local institution funds; $524,886, by transferred funds; and $308,000, by Basic Renovation funds.

CAP-115 Russ Engineering Expansion **$2,631,000**

Category: New Construction

County: Greene

This expansion project will create 34,000 GSF of much-needed research space on the main campus to support research in the College of Engineering and Computer Science. Currently, all the research space in the existing Russ Engineering building has been filled; the expansion is needed for current and future research needs for the college. This research is important to the economic development of the region and supports the information technology, medical, and aerospace industries. The building will be constructed as a four-story building and only two floors of the building will be finished as research space. The remaining unfinished shell space will be finished as local dollars become available and research space is needed.

This project was delayed but is still being pursued. Its total cost is estimated to be $5,000,000, of which $3,000,000 is intended to be supported by the state and $2,000,000 is to be provided by local institution funds.

CAP-116 Rike Hall Renovation, Planning **$200,000**

Category: Renovation/Replacement

County: Greene

This renovation will upgrade many of the office and classroom spaces in the building. Rike Hall has a large number of general classrooms in the building and requires a general

renovation to keep up with the changing needs of the College of Business and Administration. This renovation will include lighting replacements, new floor and wall finishes, and upgrades of classrooms, restrooms, and sprinkler systems. The appropriated amount will be used to conduct planning and design services for the project. The entire project is estimated to cost $2,200,000, all of which will be supported by state funds. An additional capital request of $2,000,000 for construction is anticipated for the FY 2005-06 biennium. The university will locally administer the project.

CAP-117 Electrical Infrastructure, Phase I **$2,100,000**

Category: Capital Equipment

County: Greene

The Electrical Infrastructure project is a three-phase project designed to replace the university's aging electrical system. Phase I will replace primary transformers, switchgear, and oil switches. Electrical infrastructure projects will reduce the exposure to long electrical blackouts that could occur on campus. Many of the existing equipment are past their useful lives and replacement parts are no longer available. The entire project is estimated to cost $2,100,000, all of which will be supported by state funds. The university will locally administer the project.

CAP-118 Campus Master Plan, Phase V-a **$1,430,828**

Category: Renovation/Replacement

County: Greene

This phase of the campus Master Plan is an important one for vehicular and pedestrian circulation through the campus. The project will re-align the road along the north edge of campus for improved safety. Erosion issues will be addressed with storm sewers and lighting will be enhanced to uniformly light the roadways and walkways along the campus perimeter and to the residence halls. The project will also correct a conflict created by vehicular traffic's mixing with the student pedestrian population. Pedestrian walkways will be separated from the parking lots and roadways, allowing improved access for disabled students residing in residence halls on the north side of the road.

This Phase V of the Master Plan is divided into two parts, V-a and V-b, for funding purposes. The total cost of Phase V is estimated to be $4,100,000, of which Phase V-a was intended to obtain $1,800,000. The project is to be supported entirely by state funds. The university will locally administer the project.

CAP-119 Science Laboratory Renovations, Planning **$500,000**

Category: Renovation/Replacement

County: Greene

The Science Laboratory renovations are required to upgrade some of the heavily used original teaching and research laboratories. This renovation will focus on the replacement of major laboratory equipment as well as the replacement of some of the mechanical and electrical systems and building equipment, which have exceeded their useful lives. The

current appropriation will fund a planning study to determine the scope of the project and to conduct design services for the renovation. The entire project is estimated to cost $5,100,000, all of which is to be supported by state funds. Final funding will be requested in the FY 2005-06 biennium. The university will request local administration of this project, as well as exemption from the Per Cent for Arts program.

(WSU1) Wright State University - Lake

CAP-064 Basic Renovations–Lake **$107,667**

Category: Renovation/Replacement

County: Mercer

These funds will be used for various renovation projects at the branch campus.

CAP-120 Lake Campus University Center **$587,200**

Category: Planning, Renovation/Replacement

County: Mercer

The significant enrollment increase in the past few years has created a shortage of space to accommodate the programs and class offerings at the Lake Campus. The university has retained a consultant to study the space requirements for the campus; the study will determine the scope of expansion, including potential solutions for using the space more effectively and the space needs for reassignment, renovation, and new construction. This biennium's funding will be used to plan a University Center, to include classrooms, laboratories, conference rooms, food services, offices, and a commons area. A combination of special state funds and local dollars will be added to the campus' capital allocations to provide the support for this project, which has an estimated cost of $10,000,000.

(YSU) Youngstown State University

CAP-014 Basic Renovations **$2,823,822**

Category: Renovation/Replacement

County: Mahoning

These funds will be used for various renovation projects costing from $25,000 to $500,000. Examples include renovating classrooms, laboratories, and offices; replacing roofs and sidewalks; resurfacing roads and parking lots; and replacing wiring and lighting systems.

CAP-113 Campus Development **$850,000**

Category: Land Acquisition/Site Development

County: Mahoning

This is the next phase of the ongoing campus development effort, Campus Gateways, which includes the acquisition of several key properties adjacent to campus, the razing of their

buildings, and the subsequent construction of walkways, parking areas, and plazas for recreational spaces. Most of the properties are in blighted areas that are designated for student housing, parking lots/decks, and intramural athletic fields; and for plazas/walkways that will serve as gateways into campus. The final phase of the Gateways project will include a new road/driveway through the athletics complex, the conversion of Elm Street into a pedestrian plaza and walkway, and the redesign of the entrance and exit in the F-2 parking lot. The Gateways project is expected to continue for the next several bienniums. Funds for this project have been appropriated in several previous bienniums; an appropriation of $1,000,000 was made in H.B. 640.

CAP-114 Steam Distribution and Central Utility Plant Upgrades **$775,000**

Category: Renovation/Replacement

County: Mahoning

This is the fourth phase of a continuing project. It will replace portions of the deteriorated steam distribution line and will upgrade or replace the operating systems in the central utility plant. The main steam distribution lines that provide heating and cooling to the campus buildings were installed approximately 25 years ago and they are nearing the ends of their useful lives. Other sections of the aging lines have been replaced in three previous phases. Some of the sections to be replaced in this phase are no longer serviceable, therefore necessitating the dumping of condensate, thereby increasing purchased-steam costs. Previous appropriations for this project include $902,485 in H.B. 640.

CAP-121 Administrative Technology Computer Systems Improvements **$1,500,000**

Category: Capital Equipment

County: Mahoning

This project will provide a system-wide replacement of hardware and software for administrative computing, and for the updating of the campus' entire electronic network. This project was in the original capital plan that the university submitted under the description for a project titled Technology Upgrades, priority 6.

CAP-123 Campus-wide Electrical Upgrades **$1,000,000**

Category: Renovation/Replacement

County: Mahoning

This is an ongoing project to upgrade the campus' underground electrical system. Between 1969 and 1975 the university constructed a campus-wide underground electrical power distribution system. That system has deteriorated in the last several years. The university has completed two basic renovation projects to partially rehabilitate the system by replacing switch-gears and cables, and by adding loops to the system. The current phase of the project should complete the rehabilitation of this electrical distribution system.

CAP-124 Classroom Updates **$800,000**

Category: Renovation/Replacement

County: Mahoning

This project will improve the teaching and learning environment and energy efficiency in classrooms campus-wide by upgrading their lighting fixtures and their floor, wall, and ceiling finishes. The majority of the university's classroom buildings were constructed prior to 1980 and most of the classrooms have not been upgraded except for minor basic renovation projects. The university expects this project not only to improve the teaching and learning environment in classrooms, but also to improve energy efficiency and the adequacy of the lighting systems.

CAP-125 Campus-wide Building Systems Upgrades **$400,000**

Category: Renovation/Replacement

County: Mahoning

This will be the first phase of a new and continuing project to upgrade or replace building systems, including HVAC, electrical, and plumbing in numerous buildings campus-wide. Many buildings on the university's campus have systems that have not been upgraded or replaced since the buildings were constructed. Future requests for funding are anticipated for this multi-phase project.

CAP-126 Technology Upgrades **$2,134,014**

Category: Capital Equipment, Renovation/Replacement

County: Mahoning

This is the third phase of an ongoing project to enable the university to further develop the Electronic Campus. This phase of the project is intended to dramatically improve the efficiency of the administrative operations of the university by upgrading all the hardware and software for administrative departments and functions. The campus' entire system of hardware and software for administrative computing will be replaced, and the entire electronic network will be updated. This phase of the project is in line with the recommendations of the recent consulting report on the status of the university's technology. The recently constructed fiber-optic backbone has connected all the buildings on campus; and intra-building cabling has been installed campus-wide to connect all classrooms, laboratories, residence hall rooms, and offices to the network backbone. Academic computing has been improved by updating hardware and software and by expanding multimedia and distance-learning facilities. This phase of the project is estimated to cost $3,000,000 and was to be supported entirely by state funds. Previous appropriations for this project include $3,008,283 in H.B. 640 and $3,700,000 in H.B. 850.

CAP-127 Recreation and Wellness Center **$1,000,000**

Category: Planning

County: Mahoning

This appropriation will support the planning for a project to construct a new recreation and wellness center on the university campus, where there is none now. The design is expected to include several venues for personal fitness, including an indoor walking/jogging track, a cardiovascular fitness room, a climbing wall, an aerobics room, a weight room, a multi-purpose sports and exercise room, a game room, showers, and lockers. The specific activities to be provided for will be identified during the planning process, in which several academic departments will participate to determine the academic uses of the facilities. The total cost of the project is estimated to be from $12,000,000 to $14,000,000, most of which will be supported by local funds. There has been no previous funding for this project.

CAP-128 Technology Incubator for Market-ready Applications $1,000,000

Category: Renovation/Replacement

County: Mahoning

This ongoing project will upgrade the Youngstown Business Incubator's downtown building's technology and communications infrastructure. The facility serves to house businesses with high-technology manufacturing and commercial applications that can generate jobs in the community. Funding for the project is intended to come from the city, private venture capital, and state funds. A previous appropriation of $1,000,000 was made for this project in H.B. 640, under the appropriation item CAP-116, Technology Incubator for Market-ready Applications (Downtown Youngstown).

(CTC) Cincinnati State Technical and Community College

CAP-013 Basic Renovations $833,126

Category: Renovation/Replacement

County: Hamilton

These funds will be used for various renovation projects costing from $25,000 to $500,000. Examples include renovating classrooms, laboratories, and offices; replacing roofs and sidewalks; resurfacing roads and parking lots; and replacing wiring and lighting systems.

CAP-030 Student Life and Education Center $3,700,000

Category: New Construction

County: Hamilton

This project will construct a new building of 173,000 GSF with 138,000 NASF, with spaces for student meetings, offices for clubs and organizations and student study lounges, which are currently not available. The building will also allow the expansion and development of the culinary arts and information-technology programs by creating teaching spaces for professional kitchens, technology, and other computer-related disciplines.

The entire project is estimated to cost $58 million, which is to be provided by a combination of state funds, the sale of college bonds to be repaid by student fees, and fundraising activity. Am. Sub. H.B. 640 appropriated $3,008,282 to the project. In addition, approximately $5

million will come from previous bienniums, consisting of a $3.2 million appropriation in Am. Sub. H.B. 850 to the institution's capital appropriations fund, and an additional amount of approximately $1.8 million appropriated in Am. H.B. 748 to the same fund, which has served as a bank for the funds until they are assigned to the project.

CAP-033 One-Stop Shop Renovations **$547,860**

Category: Renovation/Replacement

County: Hamilton

This new project will develop the main lobby of the Main Building into a one-stop shop for students who are enrolled and interested in enrolling at Cincinnati State. The one-stop shop will be the Welcome Center for the College. It will provide students with information on admissions, financial aid, registration, and general college events. In addition, the project will renovate the entire first floor of the Main Building, where the various student services areas are located in order to better integrate them with the one-stop area.

CAP-034 Re-Keying of Main Campus **$365,160**

Category: Renovation/Replacement

County: Hamilton

This new project will install a new computerized key system that will be tied into the new ID/Debit card system. The staff will use the ID cards to access their office under the new key system. The college will be able to re-program the doors rather than replacing the locks when keys are not returned. This will be a more cost effective and safer method of securing the facilities. Originally there were two separate requests: the two projects were combined because the re-keying was dependent on the establishment of a new ID system.

The new, computerized ID/Debit card system will allow students to have better access to laboratories, and expedite services through the use of the card at the new computer kiosks funded below. The debit card option will give students the opportunity to pay tuition and purchase food with the use of the card. The new system will also allow the college to better collect data on usage of services, number of students accessing certain services, and the need for additional services.

CAP-035 Install Kiosks **$150,450**

Category: Capital Equipment

County: Hamilton

This new project will purchase and install computer kiosks at the Main Campus and at the Harrison Campus. The kiosks will provide students with a variety of "real time" information, including admissions status, financial aid status, unofficial transcripts, and graduation audits. This will allow students to be served in an immediate and efficient manner.

(CLT) Clark State Community College

CAP-006 Basic Renovations **$468,266**

Category: Renovation/Replacement

County: Clark

These funds will be used for various renovation projects costing from $25,000 to $500,000. Examples include renovating classrooms, laboratories, and offices; replacing roofs and sidewalks; resurfacing roads and parking lots; and replacing wiring and lighting systems.

CAP-039 Champaign Health & Education Center **$100,000**

Category: Community Project(s)

County: Champaign

A project description is not available at this time.

CAP-040 Clark Health & Education Center **$50,000**

Category: Community Project(s)

County: Clark

A project description is not available at this time.

(CTI) Columbus State Community College

CAP-006 Basic Renovations **$1,172,318**

Category: Renovation/Replacement

County: Franklin

These funds will be used for various renovation projects costing from $25,000 to $500,000. Examples include renovating classrooms, laboratories, and offices; replacing roofs and sidewalks; resurfacing roads and parking lots; and replacing wiring and lighting systems.

CAP-040 Academic Building D **$17,585,528**

Category: New Construction

County: Franklin

This ongoing project will construct a new 141,000 gross-square-foot flexible, multi-purpose building that will contain large assembly spaces, smaller break-out spaces, meeting rooms, computer laboratories, seminar rooms, classrooms, offices, and food service facilities. The increase of 21,000 GSF in the project from last biennium is due to the inclusion of a child-care center that will be paid for entirely by local funds. The new construction is necessary in order to relieve space shortages arising from dramatic growth and to meet expanding needs

for workforce development, community education, and credit and non-credit course offerings and training, as well as other college-related activities. The planning phase was supported by a $1.5 million appropriation in Am. Sub. H.B. 850, and Phase I was supported by a $5,414,472 appropriation in Am. Sub. H.B. 640. The entire project is estimated to cost $27.5 million, of which $24.5 million is to be supported by state funds. The cost of the entire project has increased by $6 million compared to last biennium; $3 million due to increased construction costs; and $3 million due to the addition of the locally funded child-care center.

CAP-043 Building E, Planning **$1,022,862**

Category: Planning

County: Franklin

This new project will plan for construction of a new, approximately 50,000 to 70,000 gross-square-foot building by providing funds for architectural/engineering fees for design development and construction documents. The campus is currently in a space shortage situation. The building will be used to alleviate the shortage. The specific use of the building will be determined upon completion of the master plan update. The planning phase is estimated to cost $1.5 million, with the balance to be made up by local funds. It is estimated that construction of the new facility will be in the $12 million to $13 million range, and operating costs will be approximately $500,000 to $600,000 annually.

(CCC) Cuyahoga Community College

CAP-031 Basic Renovations **$2,650,707**

Category: Renovation/Replacement

County: Cuyahoga

These funds will be used for various renovation projects costing from $25,000 to $500,000. Examples include renovating classrooms, laboratories, and offices; replacing roofs and sidewalks; resurfacing roads and parking lots; and replacing wiring and lighting systems.

CAP-079 Cleveland Art Museum Improvements **$5,000,000**

Category: Community Project(s)

County: Cuyahoga

These funds will be used to assist in the renovation of the original structure of the Cleveland Art Museum, which was constructed in 1919. In addition, the project plans a major addition in order to enhance its ability to attract visitors and exhibits. A previous appropriation of $3,000,000 was made in Am. Sub. H.B. 640 in support of this project. The $3,000,000 appropriation was transferred from CAP-815 of the Arts Facilities Building Fund when responsibility for this project was transferred from the Arts and Sports Facilities Commission to Cuyahoga Community College in the previous biennium.

CAP-084 East I Renovations, Phase II (Eastern) $4,339,089

Category: Renovation/Replacement

County: Cuyahoga

This project is expected to complete the rehabilitation of the East I building on the Eastern Campus. The work will include roof replacement, resizing of classrooms for better efficiency of utilization, enhanced lighting, rewiring for technology infrastructure, and replacement of floors and ceilings. This will apply to the 76,790 square feet of classrooms, offices, laboratories, and studios and the art gallery that remains to be renovated in the East I building. Phase I of the project constructed a new facade, as well as renovated the East I Childcare Center and rooms in the music area. This project was supported by an appropriation of $892,500 in Am. Sub. H.B. 850 to line item CAP-071 Renovations to East I Building; no appropriation was made in Am. Sub. H.B. 640.

CAP-085 Building A Expansion Module (Western) $4,157,148

Category: New Construction

County: Cuyahoga

This new project will construct a 31,000 NASF addition to Building A of the Western Campus. The addition will provide space for 10 new classrooms, 5 new laboratories, the expansion of 2 existing laboratories, and 10 faculty and staff offices. The addition will enable the Health Careers and Sciences program to continue to provide the best quality education to this area's service population. The project will also be supported by at least $1,950,284 in local funds.

CAP-087 Center for Nursing & Health Careers $1,400,000

Category: Renovation/Replacement, Capital Equipment

County: Cuyahoga

This project will perform a complete rehabilitation of the 18,000 square foot Science and Technology Building on the Metro Campus in order to create the Center for Nursing & Health Careers. The Center will consolidate nursing programs on the three campuses to one, and will provide additional space for the launching of the new radiological and nuclear medicine technology programs. In addition to the renovation, the project will include the purchase of state-of-the-art medical equipment necessary for the nursing programs. The total cost of the project is estimated at $2,500,000, with the remainder to be provided by local funds.

CAP-088 Corporate Center $500,000

Category: Planning

County: Cuyahoga

These funds will be used for the planning of two corporate colleges, one each in Westlake and Warrensville Heights. The Corporate Colleges will provide for more business-oriented

workforce development programs. The Westlake project will renovate a 100,000 square foot building that the College has already purchased. The total cost of the Westlake project is estimated at $10,000,000. The Warrensville Heights project will be new construction of a classroom building. The total cost of the Warrensville Heights project is estimated at $20,000,000.

(ESC) Edison State Community College

CAP-006 Basic Renovations **$295,110**

Category: Renovation/Replacement

County: Miami

These funds will be used for various renovation projects costing from $25,000 to $500,000. Examples include renovating classrooms, laboratories, and offices; replacing roofs and sidewalks; resurfacing roads and parking lots; and replacing wiring and lighting systems.

(JTC) Jefferson Community College

CAP-022 Basic Renovations **$242,523**

Category: Renovation/Replacement

County: Jefferson

These funds will be used for various renovation projects costing from $25,000 to $500,000. Examples include renovating classrooms, laboratories, and offices; replacing roofs and sidewalks; resurfacing roads and parking lots; and replacing wiring and lighting systems.

CAP-041 Campus Master Plan **$189,442**

Category: Planning

County: Jefferson

This new project will prepare a comprehensive campus master plan. This will include a comprehensive analysis of existing campus conditions; and will develop the concept, guidelines, and design standards for long-term physical development and land use.

(LCC) Lakeland Community College

CAP-006 Basic Renovations **$972,671**

Category: Renovation/Replacement

County: Lake

These funds will be used for various renovation projects costing from $25,000 to $500,000. Examples include renovating classrooms, laboratories, and offices; replacing roofs and sidewalks; resurfacing roads and parking lots; and replacing wiring and lighting systems.

CAP-037 C Building East End Project **$985,000**

Category: Renovation/Replacement

County: Lake

This new project will enclose exterior space on the first floor to create computer labs, a small lecture hall, and faculty offices. It will also relocate two second floor computer labs and renovate the vacated space into new multimedia labs. The project involves the renovation of 10,800 GSF. The project also includes 600 GSF of new construction, which will facilitate construction of an additional lecture hall style classroom. The project is estimated to cost $1,610,000, of which the state will provide $985,000, local funds will provide $75,000, and a non-credit job training grant from the state will provide the remaining $550,000.

CAP-038 HVAC Upgrades/Rehabilitation **$1,000,000**

Category: Renovation/Replacement

County: Lake

This new project will upgrade the HVAC system by replacing boilers in A, C, and E-buildings with energy efficient units, replacing Phase I chiller with an energy efficient, CFC-free unit, crossing pipe chillers, and installing new ductwork and ventilation as needed. The current project is estimated to cost $1,075,000, of which $75,000 will be provided by local funds. This project will be extended to other buildings, with plans for an additional request of $1,000,000 in state funds (augmented by $75,000 in local funds) in the FY 07-08 biennium.

CAP-039 Main Gym Floor Renovation **$150,000**

Category: Renovation/Replacement

County: Lake

This new project will replace the main gym floor. The current floor is approximately 30 years old, contains numerous dead spots, and needs to be removed and rebuilt in order to correct the problems. The project is estimated to cost $160,000, of which $10,000 will be provided by local funds.

CAP-040 Roadway and Drainage Improvements **$632,756**

Category: Renovation/Replacement

County: Lake

This new project will involve the rehabilitation of several components related to the college's roadway system, parking lots, and drainage system. Clocktower Road South, the West Parking Lot, and the Nursing Lot will be rebuilt and the courtyard area will be rehabilitated. Local funds of at least $50,000 will be used in addition to the provided state funds.

CAP-043 Mooreland Educational Center Rehabilitation **$115,000**

Category: Renovation/Replacement

County: Lake

This new project will renovate and improve accessibility to the Mooreland Educational Center by installing new third floor exit stairs, finishing the attic for better space utilization, replacing porch railings, rebuilding the pergola, and installing a lawn patio. The project is estimated to cost $290,000, of which $175,000 will be provided by local funds.

(LOR) Lorain County Community College

CAP-005 Basic Renovations **$1,132,268**

Category: Renovation/Replacement

County: Lorain

These funds will be used for various renovation projects costing from $25,000 to $500,000. Examples include renovating classrooms, laboratories, and offices; replacing roofs and sidewalks; resurfacing roads and parking lots; and replacing wiring and lighting systems.

(NTC) Northwest State Community College

CAP-003 Basic Renovations **$268,822**

Category: Renovation/Replacement

County: Fulton

These funds will be used for various renovation projects costing from $25,000 to $500,000. Examples include renovating classrooms, laboratories, and offices; replacing roofs and sidewalks; resurfacing roads and parking lots; and replacing wiring and lighting systems.

CAP-021 Services Facility **$200,000**

Category: New Construction

County: Fulton

This project will construct a new maintenance building, outside the main area of the campus. The current maintenance building has not been upgraded substantially since the campus opened in 1972. The total cost of the warehouse type facility is estimated to be between $400,000 and $500,000. Local funds will be used to pay for the remaining costs of the project.

CAP-019 Basic Renovations **$1,385,769**

Category: Renovation/Replacement

County: Multi-county - Hancock, Wood

These funds will be used for various renovation projects costing from $25,000 to $500,000. Examples include renovating classrooms, laboratories, and offices; replacing roofs and sidewalks; resurfacing roads and parking lots; and replacing wiring and lighting systems.

CAP-037 Education Center **$8,746,360**

Category: New Construction

County: Hancock

This new project will install the infrastructure for the establishment of the relocated Findlay Campus, and construct a 100,000 GSF education building. The infrastructure will include requisite sewer and water tap extensions, an 850-space parking area and roadways. The building will include classrooms, technical and computer laboratories, and offices, as well as temporary housing for student support areas. Additional funding for the project will include an estimated $4,248,267 from the sale of the existing campus. Land for the new campus will be purchased using funds from CAP-035 Findlay Campus Relocation; this line item contains $2 million that had been transferred from CAP-022 Findlay Campus Instructional Building. The Controlling Board approved the transfer on January 22, 2001. Phase II of the project will involve the construction of a 75,000 GSF addition in order to provide permanent facilities for the student support areas. Phase II is planned for the FY 2005-06 biennium, and it is estimated that $8 million will be requested from state funds.

CAP-038 Fire and Police Training Center **$1,145,610**

Category: New Construction

County: Wood

This will be the first phase of a three-phase project. Phase I will include the installation of water and sewer lines, industrial-level power, a connecting road system, a driving pad, a parking lot, a water-retention pond, a burn building and pad, and observation tower. Phase II will include a fire tower, fuel spill and car burn areas, additional road system, parking lot and ponds, and a second driving area, and Phase III will construct a 15,000 SF maintenance building. Phase I is estimated to cost $3,995,740, of which $1,473,740 will come from local funds and $1,376,390 will come from the City of Toledo. Phases II and III are planned for the succeeding two bienniums, respectively. It is estimated that requests of state funds will be made for $935,357 in FY 2005-06, and $394,033 in FY 2007-08.

(RGC) Rio Grande Community College

CAP-005 Basic Renovations **$371,653**

Category: Renovation/Replacement

County: Gallia

These funds will be used for various renovation projects costing from $25,000 to $500,000. Examples include renovating classrooms, laboratories, and offices; replacing roofs and sidewalks; resurfacing roads and parking lots; and replacing wiring and lighting systems.

(SCC) Sinclair Community College

CAP-007 Basic Renovations **$2,231,992**

Category: Renovation/Replacement

County: Montgomery

These funds will be used for various renovation projects costing from $25,000 to $500,000. Examples include renovating classrooms, laboratories, and offices; replacing roofs and sidewalks; resurfacing roads and parking lots; and replacing wiring and lighting systems.

(SOC) Southern State Community College

CAP-010 Basic Renovations **$293,585**

Category: Renovation/Replacement

County: Highland

These funds will be used for various renovation projects costing from $25,000 to $500,000. Examples include renovating classrooms, laboratories, and offices; replacing roofs and sidewalks; resurfacing roads and parking lots; and replacing wiring and lighting systems.

CAP-025 Multi-purpose Facility **$1,000,000**

Category: New Construction

County: Highland

This project will construct a 24,782 square foot Community and Wellness Center on the central campus of Southern State Community College. The Center will provide a large meeting space for holding graduation ceremonies and hosting conferences. The Center will also provide an adequate physical education facility necessary for its law enforcement and EMT programs, as well as an indoor walking track. The total cost of the project is estimated at $3,025,860, all of which is to be supported by state funds.

(TTC) Terra State Community College

CAP-009 Basic Renovations **$315,419**

Category: Renovation/Replacement

County: Sandusky

These funds will be used for various renovation projects costing from $25,000 to $500,000. Examples include renovating classrooms, laboratories, and offices; replacing roofs and sidewalks; resurfacing roads and parking lots; and replacing wiring and lighting systems.

(WTC) Washington State Community College

CAP-006 Basic Renovations **$262,586**

Category: Renovation/Replacement

County: Washington

These funds will be used for various renovation projects costing from $25,000 to $500,000. Examples include renovating classrooms, laboratories, and offices; replacing roofs and sidewalks; resurfacing roads and parking lots; and replacing wiring and lighting systems.

(BTC) Belmont Technical College

CAP-008 Basic Renovations **$214,638**

Category: Renovation/Replacement

County: Belmont

These funds will be used for various renovation projects costing from $25,000 to $500,000. Examples include renovating classrooms, laboratories, and offices; replacing roofs and sidewalks; resurfacing roads and parking lots; and replacing wiring and lighting systems.

(COT) Central Ohio Technical College

CAP-003 Basic Renovations **$210,616**

Category: Renovation/Replacement

County: Licking

These funds will be used for various renovation projects costing from $25,000 to $500,000. Examples include renovating classrooms, laboratories, and offices; replacing roofs and sidewalks; resurfacing roads and parking lots; and replacing wiring and lighting systems.

CAP-011 J. Gilbert Reese Center **$2,209,867**

Category: New Construction

County: Licking

The new 70,560 GSF center will include a 600-seat auditorium and conference facility, classrooms equipped with state-of-the-art functions and technology, and spaces designated for student activities and leadership development. The center is to serve the needs of both the OSU Newark campus and the adjoining Central Ohio Technical College campus, as well as serve the surrounding campus community. The combined Newark campus has seen consistent and sustained growth, creating space shortages on the campus, not only for classrooms but also for associated faculty office space. Further, a polling of business and community constituencies also indicated the need for a facility with better training facilities and large meeting areas. The center is expected to be a model of the incorporation of new and emerging technologies into the academic curriculum, as well as a model of community outreach.

The project is estimated to cost $13,334,580, of which private gifts will provide $7,623,000. This bill appropriates funds for each campus for this project. The $3,358,924 appropriated for the Ohio State University–Newark campus constitutes several bienniums' worth of capital allocations that have been "banked" by the university. The $2,209,867 appropriated for Central Ohio Technical College will be a new appropriation. With these two appropriations, a balance of $142,789 remains to meet the project's total estimated cost.

(HTC) Hocking Technical College

CAP-019 Basic Renovations **$487,064**

Category: Renovation/Replacement

County: Athens

These funds will be used for various renovation projects costing from $25,000 to $500,000. Examples include renovating classrooms, laboratories, and offices; replacing roofs and sidewalks; resurfacing roads and parking lots; and replacing wiring and lighting systems.

CAP-034 Student Center: Phase III **$2,192,550**

Category: New Construction & Renovation

County: Athens

This is the last phase of an ongoing three-phase project that will build a new facility to meet growing needs for indoor assembly and specialized instruction. Phase III will continue to enhance the Student Center by renovating 9,000 GSF and constructing 12,000 GSF of new space for the Recreation Area and Services Complex. This will allow for renovation of the existing gymnasium and fitness area, as well as provide for 3 tennis courts, a racquetball court, and twelve private, professional offices along with meeting rooms for student organizations. Phase I provided a multiplex space and cafeteria, a commuter lounge and meeting rooms, a convenience center, and a virtual reality center. Phases I and II of the project provided an aquatic training facility, a climbing wall, an indoor track, a fitness and conditioning area, and a high-activity instructional laboratory. Previous state funding for the project includes $2,791,470 appropriated in Am. Sub. H.B. 640, $2,924,325 in Am. Sub. H.B. 850, and $350,000 in Am. H.B. 748.

CAP-040 Lake Snowden **$1,446,150**

Category: Land Acquisition/Site Development

County: Athens

These funds will be used to retire the debt that was incurred for the purchase and development of the fish hatchery facility. The college purchased the 675-acre property, which includes a 135-acre lake known as Lake Snowden, from the LeAx Water District in 1999. The lake will provide a water source for the hatchery operation and its rearing pond, and the property will be used to develop fisheries laboratories. To meet the requirements of federal funding for the original Lake Snowden project, certain recreational activities must be continued. This will allow the college to provide an up-to-date, hands-on lab that is needed to strengthen its park management program.

(LTC) Rhodes State College (Lima Tech)

CAP-004 Basic Renovations **$316,757**

Category: Renovation/Replacement

County: Allen

These funds will be used for various renovation projects costing from $25,000 to $500,000. Examples include renovating classrooms, laboratories, and offices; replacing roofs and sidewalks; resurfacing roads and parking lots; and replacing wiring and lighting systems.

CAP-015 Information Technology Building **$3,767,610**

Category: New Construction

County: Allen

This new project will construct a 33,232 GSF information technology (IT) building. The construction of a new IT facility will make possible plans to train more users for networking certification and expand the course offerings within the IT department. The total cost of the project is estimated to be approximately $5.3 million. Local funding and $427,696 of capital component funds that have been banked from the past two bienniums will be used to complete the project. The local and banked funds will be used primarily to fund the costs associated with the architect, equipment, telecommunications/data connections, landscaping, Percent for Art, and the contingency.

(MTC) Marion Technical College

CAP-004 Basic Renovations **$116,271**

Category: Renovation/Replacement

County: Marion

These funds will be used in conjunction with those below for the renovation of the Technical Education Center.

CAP-012 Technical Education Center Rehabilitation **$257,501**

Category: Renovation/Replacement

County: Marion

This new project will be used to reconfigure existing space in the Technical Education Center, in order to consolidate and add office space, and renovate laboratories and classrooms. Original ceilings, lighting, and flooring in select areas throughout the building will also be replaced. Total cost for the project is estimated to be approximately $625,000. The College plans to use its basic renovation funds for the FY 05-06 biennium for this project. In addition, the College will make a request of state funds in the amount necessary to complete the project in the FY 2005-06 biennium.

(MAT) Muskingum Area Technical College

CAP-007 Basic Renovations **$239,685**

Category: Renovation/Replacement

County: Muskingum

These funds will be used for various renovation projects costing from $25,000 to $500,000. Examples include renovating classrooms, laboratories, and offices; replacing roofs and sidewalks; resurfacing roads and parking lots; and replacing wiring and lighting systems.

CAP-020 Atwood Lake Resort and Conference Center Facility Improvements **$250,000**

Category: Community Project(s)

County: Guernsey

The Muskingum Watershed Conservancy District will renovate and expand the Atwood Lake Resort and Conference facility. Besides modifying the facilities to ensure compliance with the Americans with Disabilities Act, the project will renovate all guestrooms; create a larger and more technologically advanced conference center; replace heating, air conditioning, lighting, and electrical systems; and upgrade the existing water treatment plant. The project is estimated to cost $7.5 million. State funding will be matched by revenue bonds issued by the Muskingum Watershed Conservancy District and anticipated funds from the federal Appalachian Regional Commission and Economic Development Administration. This project has been supported by a previous appropriation of $500,000 in Am. Sub. H.B. 640.

CAP-021 Lighting/HVAC Replacement **$843,606**

Category: Renovation/Replacement

County: Muskingum

This new project will upgrade the electrical systems, including new lighting, and replace the temperature control systems for both College Hall and Health Science Hall; integrate both

the electrical lighting and HVAC heating/cooling building systems to the recently installed campus energy control management system; and upgrade the HVAC system, to include the replacement of all air damper boxes in both buildings.

(NCC) North Central State College

CAP-003 Basic Renovations **$352,422**

Category: Renovation/Replacement

County: Richland

These funds will be used for various renovation projects costing from $25,000 to $500,000. Examples include renovating classrooms, laboratories, and offices; replacing roofs and sidewalks; resurfacing roads and parking lots; and replacing wiring and lighting systems.

(STC) Stark State College of Technology

CAP-004 Basic Renovations **$477,277**

Category: Renovation/Replacement

County: Stark

These funds will be used for various renovation projects costing from $25,000 to $500,000. Examples include renovating classrooms, laboratories, and offices; replacing roofs and sidewalks; resurfacing roads and parking lots; and replacing wiring and lighting systems.

CAP-032 Automotive Technology Building Addition **$1,719,554**

Category: New Construction

County: Stark

This new project will construct an 11,000 GSF addition to the Automotive Technology Building. This facility will provide additional laboratories, classrooms, and storage space. It will also enhance the department's ability to provide laboratory experience for the new General Motors automotive service educational program (GM-ASEP) and new Toyota training programs.