Dreese Laboratory expansion planned for '92

By Melinda Juchem
Lantern staff writer

A 105,000-square-foot addition to Dreese Laboratory will be built in the spring of 1992, said Kurt Moody, of Moody Nolan Ltd., the architectural firm chosen for the project.

The Ohio Board of Regents approved appropriation of $20,449,000 of state funds for the project.

The board approved $2,060,625 for the associate architects, said Clyde Eberhardt, assistant director for capital planning on the Board of Regents.

The project, which should take about two years to complete, will benefit the Computer and Information Science and Electrical Engineering departments.

The space addition will be split with 80 percent for CIS and 20 percent for Electrical Engineering.

Two new classrooms equipped with computer-driven visual aids, designed especially for teaching computers, will be part of the additions, said Mervin Mueller, professor and chairman of the CIS department.

"These classrooms will allow very new and innovative methods of computer instruction," Mueller said.

New high-tech labs and computer graphics facilities also will be added, Mueller said.

The current Instruction and Research Computer Center labs with Macintosh computers, located mostly in Baker Systems and Hagerty Hall, will stay put, Mueller said.

Office space for 65 faculty members and 152 graduate students who are teaching assistants will be built, Moody said.

Space for undergraduate professional societies, such as the Association for Computing Machinery and the Institute of Electrical and Electronic Engineers computer society, and an undergraduate lounge also will be added.

High voltage and microelectronics research labs will be built for the Electrical Engineering Department, said department chairman Dan Hodge.

The current microelectronics lab, Caldwell Laboratory, and the high voltage lab, which was moved to the research foundation on West Campus, are now being slated for demolition, Hodge said. The former is small and inadequate and the latter inconvenient, Hodge said.

Both new labs will be used for teaching and research.

Once the building is finished, it will take a few months to set up the labs, Hodge said.

"We're looking forward to the completion of the building," Hodge said.

The project also will include asbestos removal, which is standard procedure any time you renovate or add to a building, Moody said.
Major moving

A $15,000 heating and cooling unit stopped traffic Tuesday by Central Classrooms. The unit, one of six, gets a lift to the floor of the Dreese Laboratory addition by crane, steel rollers, portable winches and lots of elbow grease.
Getting high

Dennis Gutierrez, an employee of Lindgren Enclosures, works on panels in a room located in the basement of Dreese Labs. The room will be used for several projects including Ball-lightening experiments.
Architect Moody elected to seat on Bank One,

By Darris Blackford
Dispatch Business Development Reporter

Curtis J. Moody, president and chief executive officer of Moody/Nolan Ltd., architectural firm in Columbus, has been elected to the board of directors of Bank One, Columbus.

Moody, 43, said he was elected at the board's February meeting; his appointment was announced yesterday by Michael J. McMennamin, chairman and chief executive officer of Bank One, Columbus.

Bank One, Columbus, with total assets of $6.6 billion as of Dec. 31, has 54 branches in central Ohio.

A former board member of Society Bank in Columbus, Moody said he's looking forward to serving Bank One as one of its 14 board members.

"It's a challenge because Bank One's growth has been phenomenal," he said. "I have no predetermined mission, it's just exciting to be in the company of the level of quality individuals on the board."

Moody's 70-employee architectural firm has been involved in a number of local projects, including the Erwin Dreese Laboratory at Ohio State University and the Dublin Recreation Center.

It's also designing a basketball venue, including a 6,000-seat arena, that will be used for preliminary rounds of the men's and women's basketball tournaments for the 1996 Summer Olympics in Atlanta.

Moody, who earned a bachelor's degree in architecture from Ohio State and was a member of the Ohio State men's basketball team from 1969 to 1973, is a member of the Ohio State Alumni Advisory Board. He's also a board member of the Grant Medical Center Foundation.

He's also served as chairman of the business development committee for the United Way of Columbus and Franklin County, and is the Ohio liaison for the American Institute of Architects' minority resource committee.

"We're just delighted to have an individual of Curtis' business and community background on the board of the bank," McMennamin said. .

Curtis J. Moody
... excited to join board
Construction obstruction

University students and employees may find it difficult to get to the Central Classroom Building this morning because of continuing construction on Millikin Road.

Temporary fences were put up by construction crews in order to completely block off a section of Millikin Road from the Baker Systems Engineering Building and McCracken Power Plant to the north entrance of the Central Classroom Building.

Pedestrians who use Millikin Road have been rerouted to Neil Avenue. While Millikin is closed, they will have to use the covered walkway between Dreese Laboratory and the northwest parking garage to get to the north entrance of the Central Classroom Building.

Thomas Heretta, of the university architect's office, said Millikin will remain closed for at least three weeks, depending on the weather. Construction crews will replace the road surface and lay paving bricks for the sidewalks.

Heretta said the construction around Dreese Laboratory is expected to be completed sometime in June.

—Jason Rockey
Garden’s theme a tribute to science

By J. Allen Morris
Lantern staff writer

Students can study under the sun or sit back and contemplate science in the new sculpture garden being constructed this quarter.

The garden, located in front of the Central Classroom Building, is being built as part of the $20 million Dreese Laboratory renovation, said Thomas A. Heretta, architect for the University architect’s Office.

State law requires one percent of the budget for all publicly funded buildings that cost more than $4 million to be devoted to art, said Carol Snyder of the Ohio Arts Council.

The Ohio’s Percent for Art program will help preserve the heavily used green space which existed on the new garden’s site, Heretta said.

“It will make a very striking picture,” he said.

Barbara Grygutis, an Arizona-based artisan who won a national contest for the garden’s design two years ago, is personally overseeing the final stages of construction.

Sculptures of various sizes, colors and placement make up the “Garden of Constants,” a tribute to the impact science and math have had on society.

“I look at numbers as art,” Grygutis said.

“Numbers have such a universal quality to them, and the shapes are beautiful.”

The sculptures consist of the numbers one through ten, with zero being the centerpiece of the design.

“Zero is the center point because the concept of zero was a major breakthrough in human thinking,” Grygutis said.

The garden’s brick walkways will be inlaid with bronze casts of scientific formulas generated by the various departments in Dreese Laboratory, Grygutis said.

“That’s appropriate for this setting and for what goes on in the building,” Grygutis said.

“We worked together so that (the formulas) would be meaningful to the concept of the piece,” she said.

The garden site will be “like a canyon of numbers,” when it is finished, Grygutis said.

Many of the final pieces were fabricated in Ohio, while the tile work on the one and zero was fabricated by Grygutis herself, she said.

Public sculpture is different from that designed for museums and private collections, Grygutis said.

“I think one of the exciting things about public art is that people relate to it in a different way,” she said.

“It’s not dogma, it’s out there for different people to ponder in different ways.”

Grygutis is pleased with the project, and hopes that students will enjoy the garden and its symbolism.

“If it generates a lot of discussion, then as an artist I have succeeded,” Grygutis said.
Heidi Pearlstein, foreground, a junior in elementary education, and Emily Bay, a transfer student from Wittenberg University, lean against the stone numbers on the west side of Dreese Lab as they wait to go to class.
Snow, cold loosen new tiles in sidewalk by Dreese Lab

By Shanin C. Peppe
Lantern staff writer

Barricades and loose tiles are making walking a bit difficult for OSU students headed toward the Central Classroom building.

Rain, snow and freezing temperatures have caused some of the tiles in the new sidewalk by Dreese Laboratory to loosen and wobble, said Jill Morelli, the university architect in the Office of the University Architect and Physical Planning.

The construction of the area around Dreese Lab was opened to students last September, but now it is not completely safe, Morelli said.

Melainie Floyd, a junior, said she uses the sidewalk every day, and she doesn't think it is safe, especially for handicapped students.

Michael Ogden, a senior, also thinks the sidewalk isn't safe. "Students could trip on the loose tiles and get hurt," he said.

Morelli said "There is some risk (on the sidewalk), so we put up barricades."

The barricades and caution stripes were put up last Friday to deter students from using the sidewalk, Morelli said.

Ogden said students are still using the sidewalk despite the barricades. "Since the barricades are not completely blocking off the sidewalk, students walk around them," he said.

Morelli said the tiles became loose because of a freeze-thaw. The ground became saturated from the rain and snow, and as a result the sand base under the tile froze.

Salt was put on the tiles to melt the snow and ice, but only the sand base under the edges of the tiles thawed. The sand base under the middle of the tiles remained frozen. The uneven thawing caused the sand base to push up and loosen the tiles from their setting, Morelli said.

Morelli said the Office of the University Architect and Physical Planning and the Department of Physical Facilities held a meeting last Friday to discuss ways to fix the sidewalk and make it accessible to students again.

"We are trying to look for long-term solutions while creating short-term solutions," Morelli said.

Morelli said one short-term solution discussed at the meeting was to find alternatives to salt to melt the ice.

Another short-term solution discussed was to re-attach some of the severely loose tiles to make them safe. But the tiles can only be fixed when the ground thaws, which depends on the weather, Morelli said.

Morelli said they are unsure of the serious effects of the loose tiles and have not decided on any long-term solutions. "We are looking at a variety of ideas," she said.

Most of the repairs would occur during the summer when they might decide to redo the entire sidewalk, Morelli said.

But the sidewalk needs to be permanently fixed. "We don't want to have to redo it every year," Morelli said.

Morelli said they have not discussed costs yet, but the short-term costs would be minimal.

Because the damages are not the faults of the general contractor or the architects, the university will have to foot the bill, Morelli said. The money will probably come from a maintenance fund or from money left over from the Dreese Lab project.

"My main concern is that it (the sidewalk) gets fixed," Morelli said.
Loose tile problem remains unsolved

By Paul J. Pace
Lantern staff writer

Uneven tiles on the walkway behind Dreese Laboratories, which were originally scheduled to be fixed this summer, will remain unfixed through Fall Quarter, said Jill Morelli, an architect with the Office of University Architecture and Physical Planning.

Morelli said there are two theories about why the pavers shifted one year after completion.

The sand beneath the tiles may have filled with water during the winter. When the ice in the joints melted, the tiles may have been left resting on an unstable hump of ice, Morelli said.

It could also be attributed to the sand being too thick, Morelli said.

University administrators, contractors, and designers are working to find solutions to the problem.

"We are negotiating for the best, most immediate resolution of the problem as a whole," Morelli said.

Paul Kritsinger, of Knowlton Construction, said he was informed of the problems a few months ago. Kritsinger contends the rocking of the pavers was a design problem, inherent in the use of pavers, using pavers anywhere in Ohio because of the weather," Kritsinger said.

Dennis Keller, construction administrator for Moody-Nolan Ltd., the company responsible for the design of the project, said the problem lies not in the original design, but in changes made to it.

"If they put the pavers in the way we originally designed it, there wouldn't have been a problem," Keller said.

James Burkart Associates Inc., a landscape architecture firm in Upper Arlington, was involved directly in the design of the walkway.

James Burkart said the design is not the problem.

"The designs had a 1-inch sand base, which is an industry standard, but in some instances there are 3 to 4 inches of sand," Burkart said.

Burkart said he believes the curbing and edging, which act as compressors, were not installed properly.

"We've only had one other minor problem before (with pavers) and that was because of improper base construction," Burkart said.

Questions about the cost of the repair and who will pay for it remain unanswered.
Dreese auditorium to get facelift

By Ryan Dorsey
Lantern staff writer

After going an estimated $350,000 under budget on the Dreese Laboratory addition, the extra money will be used to renovate the building's auditorium.

"The lecture hall will have the stage area reworked because it is handicap inaccessible, and the dividers along the stage wall will be removed," Beth DeWitt, facilities planner for University Budget and Space Planning, said. "There will also be new tables and chairs, a new Beta projector, new flooring, better heating and air conditioning, new wall finishes, and more lighting."

DeWitt said that the total scope of the project will not be known until a final design is made and after the plan goes out for construction bids.

"Once the project design is completed, we will decide on how much we can actually afford to do," DeWitt said. "When the plans are finished, we will see how much the bids cost. If they are priced too high, we will not be able to achieve some pieces of the work on the auditorium."

Lisa H. Macklin, another facilities planner for University Budget and Space Planning, said that the spare money from the construction of the Dreese addition happened because of favorable bids by contractors.

"A portion of the money is put into a fund called a construction contingency, so when something goes wrong that money is available for the project," Macklin said. "When we bided for the project, we knew we had additional funds."

Macklin said although $350,000 is the listed price for the renovation in the Board of Trustees report, the full amount won't be known until other parts of the Dreese Lab addition are completed.

"The remaining money will be used toward the auditorium, unfortunately, we don't know how much money will be left over since there are still a few loose ends to be fixed on the Dreese Lab addition," Macklin said.

Macklin said that the state funded most of the $20.5 million for the project, and that any money left over from the addition must be spent on the building.

"The university cannot spend the money any way it wants," Macklin said. "It has to be used as it was appropriated."
Morning Math

A mother and her daughter look at the giant numbers in front of the Central Classrooms building on Friday morning.
Water main breaks parking garage

By Annette Herr
Lantern staff writer

The cold weather came gushing in and cold water came gushing out.
Frozen temperatures caused a water main to break in Dreese Laboratories sprinkler system Monday evening. The break sent water splashing onto cars parked in the garage near Ives Hall, said Ray Rogers, building maintenance superintendent.

"I walked out and saw my popsicle car," said Marjory Spangler, architect with Ohio State's Architect Office.

As soon as the water was shut off, the Office of Facilities Management closed off areas to the parking garage, said Todd Kenney, facilities superintendent for OSU Traffic and Parking.

The break could have caused damages to vehicles parked in the garage, said OSU Traffic and Parking Sgt. Mike Williams.

"It could be a major problem as far as getting in your car," he said.

Employees of Facilities Management also threw down salt to prevent people from slipping, Kennedy said.

This call was one of several Monday, said Calvin Scales, a physical facilities clerk who takes emergency calls for OSU.

The total number of emergency calls for water main breaks Monday could not be determined, said Paul Palmer, clerical specialist for physical facilities.
A room with a view

The duct tape on a classroom window in Dreese Laboratory blocks the early morning view of campus.