

(\$ in thousands)

Project Title	Priority Ranking	Funding Source	Project Requests for State Funds		
			2018	2020	2022
Higher Education Asset Preservation and Replacement (HEAPR)	1	GO	\$ 200,000	\$ 0	\$ 0
Greater MN Academic Renewal	2	GO	\$ 10,533	\$ 0	\$ 0
Pillsbury Hall Capital Renewal	3	GO	\$ 24,000	\$ 0	\$ 0
Total Project Requests			\$ 234,533	\$ 0	\$ 0
General Obligation Bonds (GO) Total			\$ 234,533	\$ 0	\$ 0

Higher Education Asset Preservation and Replacement (HEAPR)**AT A GLANCE****2018 Request Amount:** \$200,000**Priority Ranking:** 1**Project Summary:** This request is for funds to renew existing campus facilities and infrastructure in accordance with Minnesota Statutes, section 135A.046.**Project Description**

The purpose and use of Higher Education Asset Preservation and Replacement (HEAPR) funds is defined in statute 135A.046 Asset Preservation and Replacement. Funds are intended to preserve and renew existing campus facilities by supporting five categories of projects: Accessibility, Health and Safety (e.g. hazardous material abatement, building code compliance), Building Systems (e.g. exterior envelope, mechanical, and electrical systems), Energy Efficiency, and Infrastructure. HEAPR funds are used throughout the University of Minnesota system. Funds are allocated to campuses and research stations based on facility need and overall quantity of space. The University regularly reports on the status of its HEAPR funding to Minnesota Management and Budget and the Legislature.

Project Rationale

HEAPR funds are essential in supporting the University of Minnesota's mission of teaching and learning, research and discovery, and outreach and public service. This mission will be compromised without continued, sustained reinvestment in buildings and infrastructure to extend and maximize useful life while ensuring the health, safety, and well-being of facility occupants and visitors.

Rigorous process ensures every HEAPR dollar supports the most urgent and impactful needs. Individual projects are identified and prioritized through the University's Facility Condition Assessment (FCA). The FCA is a comprehensive systemwide evaluation of the condition of campus facilities and infrastructure portfolio. FCA data is used to triage existing buildings into those that need long-term investments, those that need short-term investments, and those where no investment is required, in alignment with academic priorities.

HEAPR funds are used throughout the University of Minnesota system and are allocated to campuses and research stations based on facility need and overall space. Funds keep people safe and make the campuses accessible for all Minnesotans. Funds leverage the State's past investment in buildings and infrastructure by extending the functionality and useful life of those assets. HEAPR projects are green, since renewing an existing facility and maximizing useful life is always more sustainable than new "green" construction. HEAPR dollars are flexible, allowing the University to respond quickly to emergencies and to respond to unique opportunities. Regulatory compliance items, e.g. elevators, storm water and building code compliance are funded with HEAPR allocations. HEAPR projects move faster, put people to work quicker, and provide different firms an opportunity to participate in design and construction at the University of Minnesota.

Project Timeline

Other Considerations

None.

Impact on Agency Operating Budgets**Description of Previous Appropriations**

The University includes HEAPR in each capital request. The University received \$20.6 million in 2017, no appropriation in 2016, no appropriation in 2015, \$42.5 million in 2014, no appropriation in 2013 and \$50 million in 2012.

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Greater MN Academic Renewal

AT A GLANCE**2018 Request Amount:** \$10,533**Priority Ranking:** 2**Project Summary:** \$10.533 million in state funds is requested to make capital renewal investments in existing classrooms and student focused laboratories on the University's Duluth, Morris and Crookston campuses.**Project Description**

This request is for funds to make capital renewal investments in existing classrooms and student focused laboratories on the University's Duluth, Morris and Crookston campuses. These projects will convert obsolete spaces into modern facilities to meet the needs of today's programs and provide new learning opportunities across Minnesota. Up-to-date classrooms, instructional laboratories, and collaboration spaces are essential to attract the best and brightest students and remain competitive with other regional universities. The overall student experience at the University of Minnesota will be improved by enhancing the physical environment and adding modern classroom learning technologies.

Projects will include:

Crookston Campus

·Owen Hall – This request funds a 4,000 sf renovation of outdated food production facilities for modern chemistry and biology labs. The laboratories will provide flexible bench space for up to 30 students working with faculty or conducting independent undergraduate research projects. Owen Hall is home to UMC's programs in Ag Systems Management, Agronomy, Horticulture, and Natural Resources. The building features classrooms, labs, and faculty offices for these majors. Students also make use of the Academic Success and Writing Center, as well as the Disability Resource Center. Owen Hall was built in 1908 and last renovated in the late 1960s.

·Dowell Hall – This request funds a 9,500 sf renovation to support science teaching, undergraduate research and teacher education. Dowell Hall is home to UMC's programs in Business, Math, Science, Technology as well as the Undergraduate Collaborative Learning and Experiential Applied Research (UCLEAR) Lab - an immersive computer visualization and informatics Lab suite. Owen Hall opened in 1972.

Duluth Campus

·A.B. Anderson Hall (Duluth) – This request funds a major interior and building systems renovation project that will improve student classrooms and faculty offices throughout the 35,000 sf facility. A.B. Anderson Hall is a primary classroom building on the UMD campus and houses faculty from the departments of Communication, Philosophy, History, and Art. The bottom floor is composed of fine arts studios, kilns, and art workspaces, while floors 2-4 are occupied by academic offices as well as ten classrooms. Anderson Hall was constructed in 1969.

Morris Campus

·Humanities Building (Morris) – This request funds a 16,800 sf renovation of classrooms and teaching space on all three levels of the Humanities Building. The shell of the original spaces are to remain

while the finishes, furniture, and technology will create more functional collaborative spaces that enhance today's educational experience. The end result will be adaptable, multipurpose spaces for education with a long-lasting impact. Existing spaces to be reevaluated and upgraded will be: five classrooms, one language teaching center, one media screening room, two seminar/conference rooms and one seminar/presentation lounge. The Humanities Building was built in 1954.

·Blakely Hall (Morris) – This request funds a 5,000 sf renovation of former Residence Hall living space for the teacher education program. Newly renovated spaces will include two classrooms, a seminar room and a curriculum room. In addition, collaboration and individual work areas will be developed within the renovated spaces. Blakely Hall was built in 1920.

Project Rationale

Learning spaces are at the heart of the University's teaching mission. To meet the needs of faculty and the expectations of students, the University must provide modern, technology-rich classrooms in order to optimize teaching and learning. Improved, up-to-date classrooms, instructional laboratories, and collaboration spaces are essential to attract the best and brightest students and remain competitive with other regional universities. The overall student experience at the University of Minnesota will be improved by enhancing the physical environment and adding modern classroom learning technologies.

Sightlines, an industry leader in higher education facility analysis, identifies the post-war years of 1950-1975 as an era when the amount of space and speed of construction resulted in lower construction quality. Additionally, experimental construction techniques lead to troubled mechanical and HVAC systems within these buildings. Facilities from this era are due for major repair and renovation. Capital renewal investments in this request will target post-war era facilities on each of the Morris, Crookston and Duluth campuses.

Project Timeline

UMM Blakely and Humanities

- Designer Selection: June 2018 to August 2018
- Design: September 2018 to December 2018
- Bidding and Award: January 2019 to February 2019
- Construction: April 2019 to August 2019
- Occupancy: August 2019

UMC Dowell and Owen

- Designer Selection: June 2018 to August 2018
- Design: September 2018 to April 2019
- CMAR Procurement: December 2018
- Construction: May 2019 to August 2019
- Occupancy: September 2019

UMD AB Andersen

- Designer Selection: June 2018 to August 2018
- Design: September 2018 to February 2019
- Bidding & Award: March 2019 to April 2019
- Construction: May 2019 to December 2019

- Occupancy: December 2019

Other Considerations

None.

Impact on Agency Operating Budgets

The project will have little to no impact on utilities and maintenance, as the project affects existing space. No academic or support staff changes are anticipated as a result of this project.

Description of Previous Appropriations

None.

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Pillsbury Hall Capital Renewal**AT A GLANCE****2018 Request Amount:** \$24,000**Priority Ranking:** 3**Project Summary:** This request is for \$24 million in state funds to design, renovate, furnish, and equip historic Pillsbury Hall (1887) on the Minneapolis campus. This capital project will renew and modernize this iconic campus building by replacing obsolete science facilities with flexible teaching, learning, and research spaces to serve over 6,000 students.**Project Description**

This project will completely renovate and restore historic Pillsbury Hall (1887), which will be vacated by the Department of Earth Sciences when Tate Hall reopens in fall 2017. The obsolete science facility will be repurposed to create modern, flexible teaching, learning, and non-laboratory research spaces focused on serving undergraduates as well as the College of Liberal Arts' humanities programs, including the Department of English, which teaches nearly 6,000 students from across the University each year.

The renovation of Pillsbury Hall will focus on renewing the building's interior and systems while preserving the building's historic exterior, and is expected to be consistent with the Secretary of the Interior's Standards for Preservation. The project will reconfigure the building's interior to: increase accessibility throughout the building; upgrade building systems to comply with current standards and codes; significantly improve the sustainable qualities of the building; advance University-wide goals regarding space and cost-efficiency; and create an inviting entry in to and passage through the building.

The project will capture previously unusable space on the attic floor level. The 62,000 gross square foot building once renovated is planned to be divided between flexible, multipurpose classrooms and collaborative spaces capable of supporting multiple modes of learning, and flexible, efficient workspace for faculty and staff.

Project Rationale

Pillsbury Hall is the second oldest and one of the most iconic buildings on campus and is a key component of a sequenced plan: (1) Constructing a new Physics and Nanotechnology Building and relocating the Department of Physics from the Tate Laboratory Building (Complete); (2) Renovating the Tate Laboratory Building and relocating the Department of Earth Sciences from Pillsbury Hall (Under Construction); (3) Renovating Pillsbury Hall and relocating the Department of English from Lind Hall (Proposed); and (4) finally freeing up space in Lind Hall for growing programs in the College of Science and Engineering, such as Computer Science and Engineering and Industrial and Systems Engineering.

While Pillsbury Hall is no longer adaptable to modern science research or teaching, it plays a significant role in the East Bank humanities district, which encompasses Folwell Hall, Jones Hall, Nicholson Hall, Nolte Hall, Pillsbury Hall and Scott Hall. Recent and planned investments in these

historic buildings – all built between 1889 and 1935 on the historic knoll – locates the humanities in proximity, creating synergies and collaborations among programs, and preserves the University’s historic assets for future generations.

With Pillsbury Hall vacant, it is an excellent opportunity to renew and reinvest in one of the University’s most enduring architectural structures. By converting Pillsbury’s obsolete science facilities into a humanities center, the renovated building will foster collaboration in spaces that are more cost effective and require less relative investment than its currently mismatched science uses. New innovative, interactive, and adaptable spaces will promote collaborative scholarship, foster community engagement, and bolster the undergraduate student experience.

After the renovation, Pillsbury Hall will house the College of Liberal Arts Department of English, which teaches the core skills of liberal education – such as analytical and critical thinking, oral and written communication, and digital literacy – to the entire undergraduate student body. English is the most popular humanities major on campus with high national rankings. The department teaches nearly 6,000 students and generates about 20,000 student credit hours of instruction each year. At the end of the 2016/2017 academic year, the department had 591 undergraduate majors and minors, 32 MFA students in the Creative Writing Program, and 73 MA/PhD students in the Literature Program. In addition to literature and creative writing, undergraduates take courses in editing and publishing, which includes production of an award-winning literary magazine, and in literacy and public engagement, with internships in community organizations. New technology-equipped production spaces in Pillsbury will create new research and learning opportunities in journal editing, video making, digital storytelling, website building, and web-based research. And flexible presentation spaces will host a wide variety of events convened annually by English and other humanities departments.

The renovated Pillsbury Hall will also be home to the Minnesota Humanities Engagement Hub, a collaborative initiative focused on research, teaching, and public engagement. Humanities scholars, students, and community members will address challenges facing Minnesota citizens through focused projects, such as: rural and urban access to food resources; histories of Minnesota immigrant institutions and neighborhoods; and literature and literacy services to communities. New high-tech, interactive spaces in Pillsbury will advance the University’s and College of Liberal Arts’ goals of integrating research, teaching, and public service about the human condition, producing future leaders who will use the knowledge, skills, and collaboration they learned here to build vibrant communities.

Project Timeline

Predesign for Pillsbury Hall is complete.

Anticipated Project Schedule:

- Design: July 2018 – September 2019
- Construction: October 2019 – February 2021
- Occupancy: March 2021

Other Considerations

None.

Impact on Agency Operating Budgets

Enhanced revenues offset increases in maintenance costs.

Description of Previous Appropriations

None.

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