

Contact: John Nash

REGISTER OF IOWA STATE UNIVERSITY
CAPITAL IMPROVEMENT BUSINESS TRANSACTIONS

Actions Requested: Recommend the Board approve the proposed:

1. Permission to Proceed with Project Planning for the:
 - **Lied Recreation Athletic Center – Remodel and Expansion** project, including the Design Professional Selection process.
2. Project Description and Budget for the:
 - **Human Nutritional Sciences Building – Research Labs - Remodel** (\$2.1 million) project with the understanding that approval is authorization to proceed with construction.
3. Revised Project Description and Budget for the:
 - **Curtiss Farm – Feed Mill and Grain Science Complex** (\$35.2 million, up 46% from \$24 million) project with the understanding that approval is authorization to proceed with additional construction.

ISU project #1 of 3
Lied Recreation Athletic Center – Remodel and Expansion

Executive Summary: Iowa State University requests Board approval of the proposed Permission to Proceed with Project Planning to build a 16,000 square foot addition to the southeast corner and renovate 45,000 square feet (20% of the building) of ISU’s Lied Recreation Athletic Center. The estimated project budget of \$22,000,000 to \$23,000,000 would be funded by Private Giving and Athletic Department Operating Revenue.



Iowa State University’s Lied Recreation Athletic Center, looking northeast

Background: Built in 1990, the Lied Recreation Athletic Center is approximately 66 percent occupied by ISU Recreation Services and 34 percent by the ISU Athletic Department.

The project would expand and collocate weight rooms, locker rooms and sports medicine areas for two ISU Athletics’ programs: Wrestling, and Track and Field. Recreation Services and the Athletic Department would exchange some space to improve adjacencies for both. Recreation Service’s space allocation would not decrease through this project.

Project Summary

	Date	Board Action
Permission to Proceed with Project Planning	Apr. 2023	Requested

About ISU’s Wrestling, and Track and Field Programs:

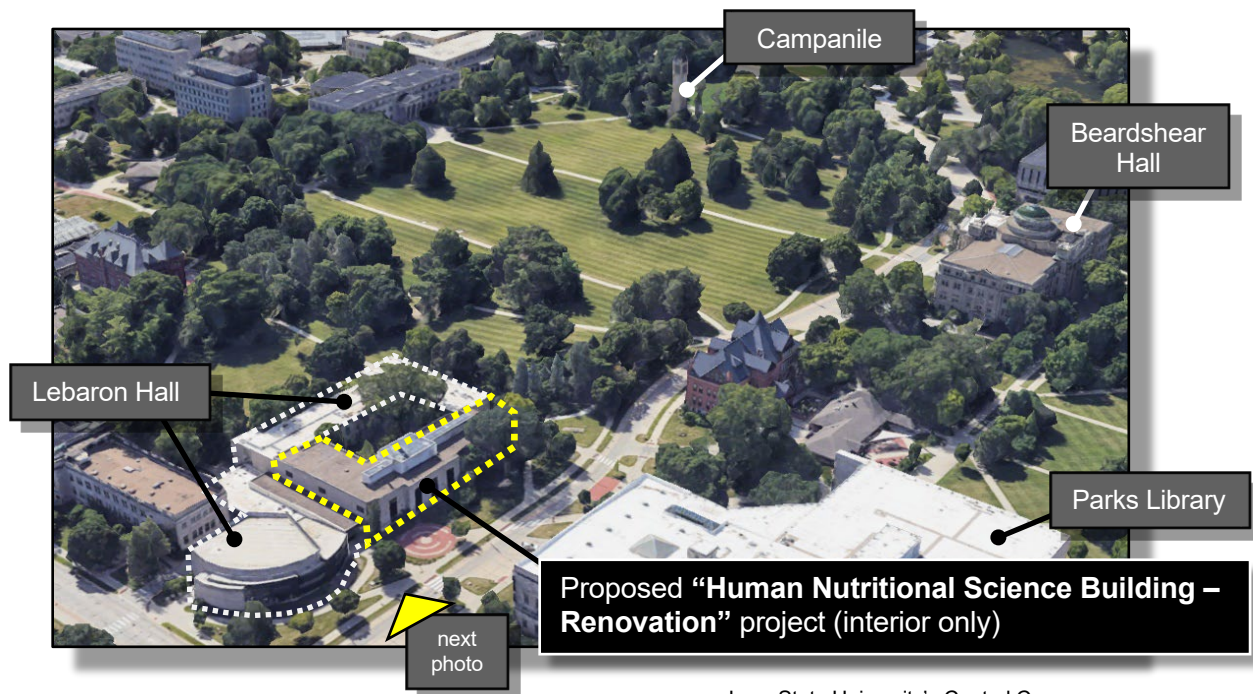
ISU’s wrestling, and track and field teams account for approximately 25 percent of university student-athletes. ISU’s wrestling, and track and field teams are nationally competitive programs, which have won multiple conference and national championships. The University must continue to develop their facilities for student-athletes to remain competitive in these sports on a national level.

ISU project #2 of 3
Human Nutritional Science Building - Renovation

Executive Summary: Iowa State University requests Board approval of the proposed Project Description and Budget to build seven teaching labs in the Human Nutritional Sciences Building (HNSB) to accommodate ISU Textile Sciences' research relocation from LeBaron Hall, which is planned to be replaced. Textile Sciences is within the ISU College of Human Sciences' Department of Apparel, Events and Hospitality Management.

The \$2.1 million project budget would be funded by University Funds.

Background: Work would support Textile Sciences and would include interior demolition and construction of new walls, casework, fume hoods and finishes. The mechanical and electrical systems would also be updated. An existing environmental chamber and 3D body scanner would be relocated to the new laboratories.



Iowa State University's Central Campus,
looking southeast

Textile Sciences is an integral component of teaching and research in the Department of Apparel, Events and Hospitality Management. This project would address significant gaps in Textile Sciences research space by expanding the protective clothing laboratory and adding laboratory space for materials development research. It would also collocate Textile Research functions with an environmental chamber and 3D body scanner.

The Textile Science research laboratories are currently located in LeBaron Hall. Rather than just temporarily relocating the laboratories during the LeBaron project, it is more cost effective to permanently relocate to the adjacent Human Nutritional Sciences Building.

Project Summary

	Amount	Date	Board Action
Design Professional Selection, eight proposals ➤ BBS Architects Engineers, Des Moines		May 2022	Not Required*
BBS Architecture Engineering Agreement Preliminary Planning and Schematic Design	\$ 25,000	Oct. 2022	Not Required*
BBS Architecture Engineering Amendment #1 Design Development and Construction Documents	\$ 105,278	Jan. 2023	Not Required*
Project Description and Budget	\$2,100,000	Apr. 2023	Requested

* Approved by Executive Director, consistent with Board policy.

Project Budget

Planning, Design and Management	\$ 309,640
Construction	1,732,180
Contingency	58,180
Total	\$ 2,100,000

Source of Funds

University Funds

Schedule

Construction: Spring 2023 to Fall 2025



Lebaron Hall

(This portion of Lebaron would remain during future demolition.)

Proposed “Human Nutritional Science Building - Renovation” project (interior only)

ISU’s Human Nutritional Science Building (HNSB), looking southeast

ISU project #3 of 3
Curtiss Farm – Feed Mill and Grain Science Complex

Executive Summary: Iowa State University requests Board approval of the proposed revised \$35.2 million project budget, up 46 percent from \$24 million, to accommodate the installation of donated and discounted feed mill and grain processing equipment. The \$35.2 million revised budget would be funded by Private Giving and University Funds.

Background: Since Board approval of the initial Project Description and Budget in June 2019, ISU has been designing and building a feed mill and grain science facility, which would demonstrate a commercial feed mill operation and train future feed mill managers. It is located immediately south of US Highway 30 in Ames and utilizes the Design Build delivery method,

This facility is a 10-building complex housing 47,000 square feet of teaching, research and outreach facilities on ISU's Curtiss Farm. It includes a biosecurity entrance, vehicle wash, scale and material sampling system, warehouse and a 160,000-bushel grain storage facility (seven bins).



Iowa State University Kent Corporation Feed Mill and Grain Science Complex,
recent progress

It would help address significant needs in Iowa's agricultural industries, particularly shortfalls in employees skilled in grain and feed facilities. The complex would fulfill these needs with new educational programs, as well as research and extension programs. The complex would enhance education and research, while concurrently providing the custom, diverse feeds required for ISU livestock.

In November 2019, the Board approved naming this facility the "Iowa State University Kent Corporation Feed Mill and Grain Science Complex."

It also would replace three existing ISU feed mills, which have outlived their useful lives.

Project Summary

	Amount	Date	Board Action
Permission to Proceed with Project Planning		Jun. 2018	Approved
Use of Alternative Project Delivery Methods		Jun. 2018	Approved
Design Build Bridging Professional Selection			
➤ Curry-Wille, Des Moines		Oct. 2018	Not Required*
Design Build Bridging Professional Agreement			
➤ Schematic Design only	\$ 323,573	Dec. 2018	Not Required*
Use of Alternative Delivery Methods		Jun. 2018	Approved
Program Statement		May 2019	Not Required*
Schematic Design		Jun. 2019	Approved
Project Description and Budget	\$21,200,000	Jun. 2019	Approved
Proposed Naming: "Iowa State University Kent Corporation Feed Mill and Grain Science Complex"		Nov. 2019	Approved
Design Builder Selection, two proposals			
➤ Todd and Sargent, Ames		Dec. 2019	Not Required*
Revised Project Description and Budget #1	\$24,000,000	Sep. 2020	Approved
Todd and Sargent's Agreement			
➤ Design Build	\$15,400,000	Nov. 2020	Not Required*
Revised Project Description and Budget #2	\$35,200,000	Apr. 2023	Requested

* Approved by Executive Director, consistent with Board policy.

Revised Project Budget

	Budget Jun. 2019	Rev. Budget #1 Sep. 2020	Rev. Budget #2 Apr. 2023
Planning, Design and Management	\$ 2,130,910	\$ 2,187,910	\$ 2,606,380
Construction	18,026,100	21,255,730	24,309,000
Furniture and Equipment	400,000	270,000	8,250,000
Contingency	642,990	286,360	34,620
Total	\$ 21,200,000	\$ 24,000,000	\$ 35,200,000

Source of Funds

Private Giving =	\$ 31,632,000
University Funds =	568,000
Other Funds =	3,000,000
Total Revised Project Budget =	\$ 35,200,000

Schedule

Construction: Fall 2020 – Summer 2023