

Contact: John Nash

REGISTER OF IOWA STATE UNIVERSITY
CAPITAL IMPROVEMENT BUSINESS TRANSACTIONS

Actions Requested: Consider recommending to the Board approval of:

1. Permission to Proceed with Project Planning for the **Sports Performance Center & Jack Trice Stadium Improvements North** project, including the initiation of the design professional selection process and the use of alternative project delivery methods.
2. Project Description and Budget (\$5,000,000) for the **Poultry Farm-Teaching and Research Facilities** project with the understanding that approval would constitute final Board approval and authorization to proceed with construction.

Project #1 of 2
Sports Performance Center & Jack Trice Stadium Improvements North

Executive Summary: The University requests Permission to Proceed with Project Planning to expand, construct new, demolish, and renovate facilities at the north end of Jack Trice Stadium.

The University has a need to upgrade training, performance, nutrition, and academic facilities in support of student-athletes. This project includes multiple components and operational efficiencies that would be achieved through development of new facilities. Also, programmatic relationships, construction scheduling, and common utility infrastructure requirements lead to combining these components into a single project.

Bergstrom Football Complex would be expanded. A new student-athlete academic and sports nutrition performance center would be constructed. Space in the Olsen Building would be relocated to a new expansion of the west side of the Bergstrom Indoor Training Facility or to vacated space in the Jacobson Building. Subsequently, the Olsen Building would be demolished. Jack Trice Stadium's north entrance and north hillside seating would be redeveloped. The project budget's estimate is \$65-80 million and would be funded by Private Giving and Athletics Department Operations funds.

Background:

	<u>Date</u>	<u>Board Action</u>
Permission to Proceed with Project Planning	Feb. 2018	Requested
Use of Alternative Delivery Methods	Feb. 2018	Requested

a. Bergstrom Football Complex expansion and renovation:

This project would expand the Bergstrom Football Complex and renovate areas within the existing building.

The Bergstrom Football Complex was completed in the fall of 2012. Since then, requirements for the facility to support the football program have continued to evolve.

- Program elements were removed from the 2012 project due to budget considerations.

- There have been changes to the NCAA rules and regulations since the building was completed in 2012, providing additional opportunities to enhance the student-athlete experience, especially in the areas of providing additional meals, nutritional support, and time-management requirements.
- There has been a change in coaching staff and philosophical direction of the program. This project provides an opportunity to reprogram the facility to match current priorities and operations.

b. Academic Performance / Sports Nutrition Center:

This project would provide a newly constructed Academic Performance / Sports Nutrition Center.

The Athletics Department currently operates an academic center to assist over 400 student-athletes with academic and life skills development. This is housed in the the Hixson-Lied Student Success Center, a shared facility with the Dean of Students office.

Current increased academic support space requirements include additional tutoring rooms, computer labs, and advising offices. This new facility would more than double the available programmed academic space. Improved access to nutritional options is required for all student-athletes and would also be provided through the creation of a new dining and student nutrition center in this building.

Relocating these activities closer to the Jacobson Building would provide student-athletes with improved academic and nutritional support adjacencies, better access to coaching staffs, and access to parking. This would also relocate the academic and life skills programming near athletics' senior leadership and compliance staff, which provides operational improvements, synergy, and efficiencies.

c. Olsen Building demolition and repurposing:

The project would relocate all activities and programs in the Olsen Building to a newly constructed addition to the west side of the Bergstrom Indoor Training Facility or space within the Jacobson Building. The Olsen Building, a 38,850 square foot building attached to the north end of the Jacobson Building and built in 1975, would then be demolished.

The addition to the west side of the Bergstrom Indoor Training Facility would provide dedicated locker rooms, strength and conditioning, and sports medicine facilities for various women's athletic programs, including the soccer and softball programs, which are currently housed in the Olsen Building.

d. Jack Trice Stadium north entrance and hillside seating:

This project would provide site improvements and an improved entry experience on the north end of Jack Trice Stadium. This includes redevelopment of the ramps, concourses, and gates as you enter, improved access for fans who need mobility assistance, and redevelopment of the seating areas for hillside seating and the marching band.

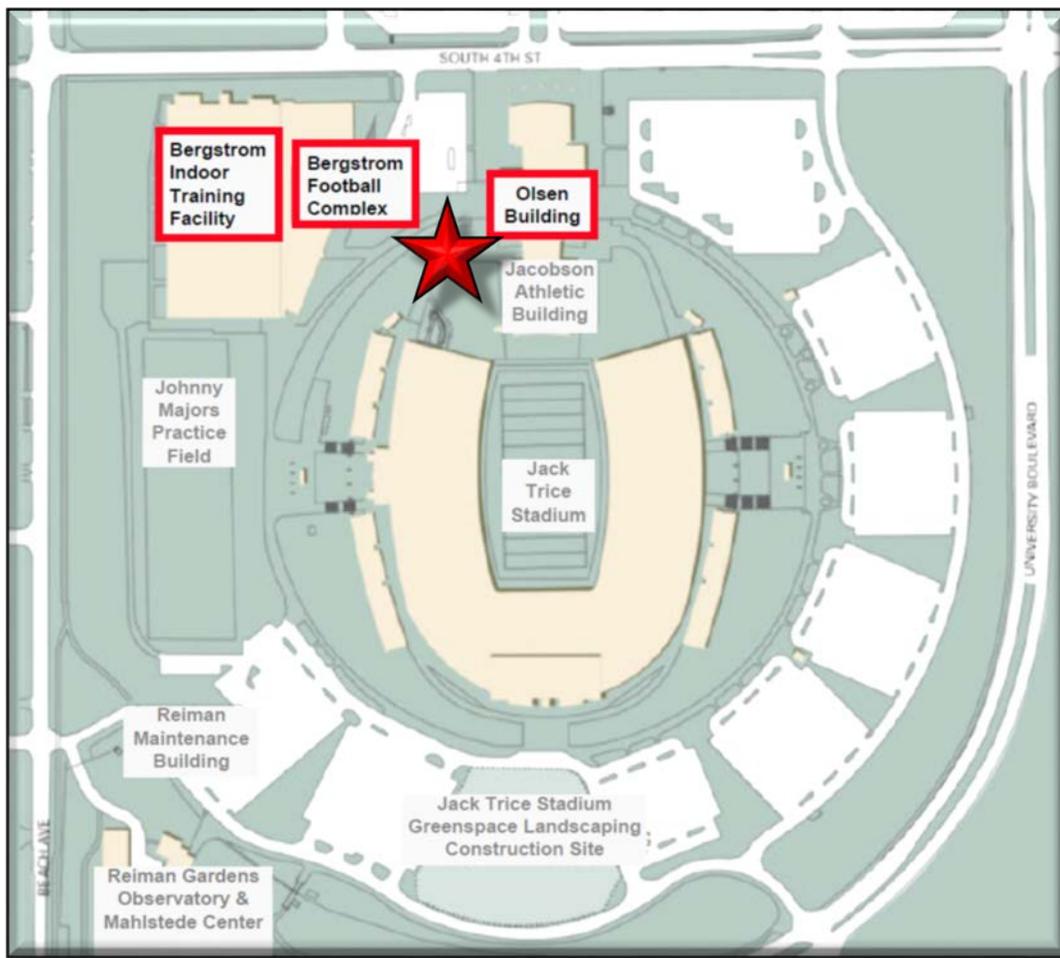
Use of an Alternative Delivery Method

The University requests permission to use alternative delivery methods other than the normal design-bid-build process for this project. As the project develops, the University would consider the advantages and disadvantages of the available delivery systems including Design-Build, Construction Manager-Agent, and Construction Manager at Risk and propose a delivery system that provides the best value and managed risks to the project.

In making this determination, the factors that would be considered include:

- Maximizing collaboration during the design phase between design and construction professionals to improve the project outcome.
- Necessity for use of methods that provide an accelerated design.
- Construction schedules and/or a fast-track approach to the project required to allow the University to begin beneficial use of the new facilities as soon as possible.
- Assuring that construction professionals are selected that have the necessary specialized knowledge and expertise required for the project.
- Different delivery methods for various components of the project.

Sports Performance Center & Jack Trice Stadium Improvements North map



**Project #2 of 2
Poultry Farm-Teaching and Research Facilities**

Executive Summary: This project would demolish the nine existing 1960's buildings on the Poultry Science Farm and construct six new, state-of-the-art poultry teaching and research facilities, and at least three new storage facilities on the same site (see page 4 for location). The project budget of \$5,000,000 would be funded by Private Giving.

Background:

Project Summary

	<u>Amount</u>	<u>Date</u>	<u>Board Action</u>
Permission to Proceed with Project Planning		Oct. 2017	Approved
Use of an Alternative Delivery Method		Oct. 2017	Approved
Project Description and Budget	\$5,000,000	Feb. 2018	Requested

* Approved by Executive Director, consistent with Board policy.

Educational and research needs in breeding, genetics, housing systems, flock management, nutrition, and environmental well-being would be accommodated with this project. The buildings would be versatile and adaptable to the ever-changing needs of the industries. Biosecurity and isolation are important features that would be implemented throughout these new facilities.

Iowa is the nation's leading egg-producing state. The egg and turkey industries are major contributors to the state's economy. The current 50-year-old buildings at the Poultry Science Farm are outdated and obsolete. There is a need for state-of-the-art facilities to meet industry needs, attract students and faculty, be more competitive in receiving awards for federal research funds, and help grow the industries' contribution to the state's economy.

Project Budget

Construction	\$ 4,514,000
Planning, Design & Management	340,600
Furniture & Equipment	14,050
Contingency	131,350
Total	\$ 5,000,000

Source of Funds: Private Giving

Construction: Fall 2018 through Fall 2019

Poultry Farm-Teaching and Research Facilities map

