

Contact: John Nash

### **IOWA STATE UNIVERSITY STRATEGIC FACILITIES PLAN**

**Actions Requested:** Recommend the Board approve Iowa State University's campus master plan called the "Strategic Facilities Plan."

- In January 2022, the Board approved the University of Iowa's 10-Year Facilities Master Plan, which included a "blanket" Permission to Proceed with Planning for the projects it included. Iowa State University's Strategic Facilities Plan does not include any such requests for Board approvals.
- In early 2023, the University of Northern Iowa plans to present their campus master plan.

**Executive Summary:** Iowa State University has developed a strategic facilities plan focused on the academic and research facilities of the main campus. The planning process determined facility space requirements for various enrollment scenarios, compared those requirements to the quantity and quality of existing facilities, and developed solutions with an emphasis on facilities renewal and replacement. Over a 30-year period, the plan includes the renewal or replacement of 2.3 million square feet of buildings, and the new construction of 700,000 square feet.

**Estimated cost:** Individual projects within the plan would be submitted for various Board approvals.

**Source of funds:** With a focus on academic and research facilities, anticipated sources of funds include state appropriations, gifts and university resources. Specific funding would be identified for each project submitted for Board approval.

**Background:** ISU's last full campus master plan was done in 1991 and guided development of the Ames campus for over 30 years. As campus facilities have aged during that period, the need has grown for significant repairs, renewal and modernization to meet current building codes, and academic and research standards.

A planning process was initiated three years ago at ISU with an assessment of the condition and adequacy of existing facilities, and determination of space requirements for faculty, staff and students in three enrollment scenarios. With the engagement of campus stakeholders, facilities projects were developed to meet those requirements through the renewal and replacement of existing facilities and construction of new facilities.

As most facilities must remain in use for teaching, research and support, projects were sequenced to allow space to be made available for whole building renewal or replacement. As a result, the funding required remained consistent with historic levels of capital investment at the University. The plan encompasses over 40 buildings, and would result in the renewal of 1.5 million square feet, replacement of 770,000 square feet and new construction of 700,000 square feet.

As the plan spans 30 years, adjustments would be made to respond to changing enrollment, and academic and research requirements.

ISU's General Fund facilities occupy over 7.4 million square feet with an average building age of 46 years. As communicated to the Board through the annual Facilities Governance Report, there is great operational, recruiting and fiscal risk in not attending to the care and operations of these important facilities. Subsequently, the University must continue to modernize, repair, renew, and in some cases, create new space or remove operationally/conditionally obsolete facilities.

**ISU Master Plan Summary**

	<u>Date</u>	<u>Board Action</u>
<b>Iowa State University Strategic Facilities Plan</b>	<b>Jun. 2022</b>	<b>Requested</b>

Master Plan Assumptions:

- Enrollment headcount of 30,000 to 35,000 students,
- No significant change in the overall financial resources of the University,
- No significant change in research spending, but shifts in research focus and facility needs,
- A small, but growing proportion of online credit hours,
- No significant change to on-campus housing square footage,
- Open green space areas on campus core to be preserved,
- Pedagogical changes or programmatic space needs to be determined during the planning process by the college and
- Planning for outlying agriculture properties are excluded.

Master Plan's Four Goals:

1. Determine university facility requirements based on projected enrollment, staffing and utilization data, and anticipated programmatic changes. Compare these requirements to the quantity and quality of existing facilities to identify shortfalls and surpluses.
2. Identify and prioritize projects, with an emphasis on renewal and replacement, to address facilities requirements, attract and retain students, faculty, and staff, support programmatic needs of teaching and research, and align with potential sources of funds.
3. Define patterns of land use, site replacement or new facilities, and identify associated requirements for campus green space, circulation, parking, and utilities infrastructure within the established fabric of the campus.
4. Provide planning and analysis tools for university staff to proactively and dynamically respond to future changes in space needs or facility demands and update the plan for new opportunities.