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Collins Quad

MASTER PLAN SUMMARY

Indiana University is a distinguished and influential institution steeped in tradition and committed to academic excellence. Renowned for its creative and intellectual endeavors and innovative research, Indiana University is a regional, national, and international academic leader in arts and sciences, business, law, music, journalism, education, informatics, and fine arts.

The University's flagship campus in Bloomington has evolved over its 190 years to become an intrinsically beautiful place known for its scenic landscapes, historic architecture, memorable places, and distinguished neighborhoods. The campus and the surrounding city of Bloomington have developed concurrently over the years to produce a diverse and vibrant community that is exceptionally comfortable and desirable as a place to live, work, and learn. Connections with the local and regional community are strong and representative of Indiana University's commitment to its expanded community.

With an eye to the future, Indiana University has conceived a bold vision for its historic and

storied Bloomington campus. A comprehensive Campus Master Plan has been commissioned to support this mission and establish a framework for decision making and strategic development over the next 20 years. Led by Indiana University President Michael A. McRobbie, the plan is charged with creating a vision for the future that supports the expressed mission of the University and encourages the rigorous pursuit of intellectual curiosity. The plan will reinforce Bloomington's unique campus environment while building upon its established tradition of campus planning. It must consider the realities of Bloomington's physical constraints and address the campus's overall physical form aesthetically, structurally, and functionally. Campus infrastructure needs, environmental sustainability, and economic development are integral to the framework and must be configured to support an academic and research development strategy.

The Campus Master Plan must represent a broad cross-section of campus constituencies and endorse a holistic approach to complex interrelated campus initiatives. Campus



Illustrative Master Plan

development strategies must enhance the University’s commitment to outreach and development while encouraging innovative partnerships within the larger community.

This Campus Master Plan will be used to “fire the imagination” of potential donors and is an essential part of conveying an inspiring long-term vision for the future of Indiana University, to the state of Indiana, and to the nation.

THE VISION – KEY THEMES

Promote Bloomington’s Unique Natural Features

Bloomington’s wealth of natural features, distinguished campus planning tradition, and elegant landscape settings must serve as a guide for future campus development. Natural assets must be respected, preserved, and restored with an environmentally sustainable sensibility. Future development must embrace the ecological character, celebrate natural features, and enhance environmental conditions.

Preserve and Reinvigorate the Core

The coherent iconic character of the historic core of campus must be preserved and maintained.

Development initiatives in this area of campus must promote the continued relevance of the historic structures and distinguished open spaces. Development in other areas of campus should emulate the quality and planning principles employed in the historic core.

Embrace the Jordan River

The Jordan River is Bloomington’s most prominent natural feature and represents a unifying common thread through much of the core campus. Its unifying quality and continuity must be leveraged both formally and functionally as the campus develops, further reinforcing the importance of this natural asset. Future development should embrace the river’s natural scenic quality and accentuate its environmental setting.

Commit to a Walkable Campus

Campus improvement initiatives must focus growth in and around the core campus and discourage remote development. Concentrating development and collocating functions around the core campus will promote a stronger campus community and lead to a sophisticated academic social environment that is more communal, interconnected, convenient,

and intellectually engaging. Increased reliance on pedestrian circulation and public transit combined with discrete parking infrastructure improvements will further enhance the viability of this concentrated campus initiative.

Create Diverse Campus Neighborhoods

All campus neighborhoods must be instilled with a variety of distinctly different functions that promote diverse activities and support integrated living and learning environments. Deliberate mixes of academic, residential, social, and student life amenities will encourage interaction and collaboration and promote complete environs that are socially dynamic and academically enlightening.

“A great university steadily develops its research institutes and facilities that will be needed no matter how the student population fluctuates.”

—Herman B Wells
Indiana University President
1937-1962



Future Aerial Perspective View

PROCESS

The planning process undertaken for the Indiana University Bloomington Campus Master Plan was inclusive and comprehensive. Spanning a 12-month period, the planning effort involved extensive input from faculty, staff, students, administrators, and local community leaders. The planning team was led by an Executive Committee chaired by Indiana University President Michael A. McRobbie and was supported by a Master Plan Working Group and Master Plan Steering Committee. The Working Group and Steering Committee were comprised of key University stakeholders representing academics, research, student life, facilities, and campus infrastructure. Methods of discovery and communication throughout the process included regular Working Group and Steering Committee meetings, topical workshops, focus group sessions, technical meetings, personal interviews, and public open house presentations. Considerable effort was made throughout the process to maximize collaboration and inclusiveness, ensuring that the Campus Master Plan represents a balanced vision of a broad constituency.

ANALYSIS

The planning team devoted considerable time to analysis and inventory activities at the beginning of the planning process. This period of discovery involved detailed assessments of all campus systems, infrastructure, natural resources, and social structure. The campus environment was evaluated for land use distribution, space utilization, building condition, and campus density. Campus systems were assessed for their current condition, relevance, longevity, and efficiency. Detailed studies of campus circulation patterns including vehicular and pedestrian traffic patterns and parking infrastructure were conducted. Observations were made on overall campus character, the significance of memorable campus spaces, and the effectiveness of campus edges and gateways. Particular attention was focused on Bloomington's wealth of environmental resources and significant natural features.



Showalter Fountain

CONCLUSIONS AND RECOMMENDATIONS

Character and Environment

Indiana University's coherent and memorable character and distinctive natural setting are well established but inconsistent beyond the core campus.

Recommendation: Develop areas beyond the core campus that emulate its quality, character, and density.

Recommendation: Focus emphasis on natural features beyond the core campus, and promote the restoration of the Jordan River and the extension of the woodland canopy.

Campus Edges and Gateways

The campus's clearly defined edges along North Indiana Avenue and East Third Street are undermined by understated entry passages at East Seventh Street and North Woodlawn Avenue and also at East Third Street and North Jordan Avenue.

Recommendation: Develop enhanced gateways that celebrate the arrival on campus and reinforce the enduring qualities of Indiana University's first impression.

Neighborhoods

Many of Bloomington's campus neighborhoods are segregated into single-use residential and academic districts that limit vitality and discourage community.

Recommendation: Selectively reallocate student housing, academic infrastructure, and campus amenities to encourage a commingling of functions and promote dynamic, engaging neighborhood environments.

Historic Structures

Many historic structures in the core campus are underutilized and inappropriately configured to meet modern expectations and support current program functions.

Recommendation: Renovate and repurpose historic structures and populate them with active, dynamic programs that will reinvigorate the core campus and ensure the future relevance and viability of these structures.

Gathering Spaces

Campus open spaces and informal gathering locations tend not to be near primary pedestrian circulation corridors and population centers.

Recommendation: Develop new informal gathering spaces in appropriate locations that are convenient, comfortable, and effective.

Parking

The current campus parking capacity is sized to adequately meet demand, but its distribution is inconvenient and not aligned with population centers and primary campus functions.

Recommendation: Selectively redistribute parking capacity to be closer to high demand areas in and around the campus core and projected development areas.

Campus Circulation

Vehicular and pedestrian circulation beyond the core campus and along East Tenth Street is compromised by high traffic volume, the railroad tracks, and limited crossing opportunities.

Recommendation: Develop a new vehicular, transit, and pedestrian circulation corridor along North Woodlawn Avenue from East Seventh Street to the Intercollegiate Athletics neighborhood. This corridor can also serve as a ceremonial pedestrian walk between the core

campus and neighborhoods north of the railroad corridor.

Recommendation: Develop a new vehicular and pedestrian circulation corridor along East Law Lane to facilitate cross-campus circulation and reduce traffic on East Tenth Street.

Recommendation: Promote the use of alternative modes of transportation including transit and bicycles to reduce vehicular traffic.

Learning Environments

The current condition, capacity, and flexibility of campus teaching facilities does not support present or future learning initiatives.

Recommendation: Construct new classroom facilities and extensively renovate the existing inventory to accommodate capacity projections, improve quality, enhance technology, and increase flexibility and interaction.

Research and Academic Office Facilities

Present research and academic office facilities lack the capacity to accommodate current and projected space needs.

Recommendation: Construct new facilities and renovate underutilized existing structures to provide adequate space for the projected capacity.

Student Housing

Most on-campus student housing is remote from the core campus and is comprised of too many traditional dormitory-style rooms and not enough suite-style configurations.

Recommendation: Construct new student housing facilities closer to the core campus that accommodate a diverse mix of housing options.

Stormwater Management

The present condition of stormwater control and drainage patterns has been compromised by campus development, causing uncontrolled flooding during storm surges.

Recommendation: Implement a stormwater control methodology that leverages natural systems and is supplemented by constructed stormwater management infrastructure.

Utility Infrastructure

Chilled water production capacity is limited and will not support projected campus growth. Steam production capacity is adequate to accommodate anticipated growth around the core campus only, but the distribution infrastructure is aging and in need of repair and replacement.

Recommendation: Develop new central or distributed steam and chilled water production facilities as needed to support future campus development.

Recommendation: Replace aging portions of the steam and condensate system to support development around the core campus.

Recommendation: Invest in steam, chilled water, power, and telecommunications system extensions and distribution networks as needed to support future campus development.



Future View of East Seventh Street and Historic Core

SUSTAINABILITY

Environmental sustainability will play a crucial role in the development and improvement of Indiana University's Bloomington campus. The Campus Master Plan defines a broad holistic approach that unifies fundamental planning recommendations with meaningful qualitative and quantitative green strategies. Sustainable planning principles, carbon reduction strategies, alternative modes of transportation considerations, and innovative building initiatives all come together to inform the development vision for the campus and ensure that growth is forward thinking and environmentally sustainable. As part of this initiative, the University has committed that all new structures will be constructed to achieve a LEED® Silver certification as defined by the United States Green Building Council.

Campus development should prioritize sensible land use practices that encourage physical and functional consolidation and facilitate pedestrian mobility, access, and convenience. Campus functions should be concentrated in

defined walkable areas, encouraging multi-use neighborhoods that minimize reliance on automobiles and promote alternative modes of transportation. Transportation and circulation infrastructure should be fully integrated with local and regional transit systems and provide efficient access to campus parking facilities. Bicycle commuting should be encouraged with infrastructure enhancements that include dedicated cyclist commuter lanes and convenient bicycle parking and storage. Parking infrastructure should be refocused along core campus edges to reduce internal campus traffic and facilitate the daily transition of vehicle commuters to campus pedestrians.

Natural resources should be leveraged to improve their inherent effectiveness and enhance environmental quality. Stormwater management practices should be implemented that rely on natural features by restoring ephemeral stream beds, reducing impervious ground cover, and treating stormwater where it falls instead of pushing it downstream. Campus woodland areas and native habitats should be improved and

expanded to increase shaded tree canopies and promote indigenous wildlife.

Campus energy efficiency should be improved, and the University should move toward a carbon neutral campus by implementing greenhouse gas emission reduction strategies. Should all of the recommendations be implemented within the proposed timeline, the University could realize an overall 30 percent greenhouse gas emissions reduction by 2020 and an 80 percent reduction by 2050, including anticipated development. These reductions can be achieved by reducing existing and future energy consumption, diversifying campus energy resources, investing in efficient steam and electricity co-generation facilities, and monitoring actual campus energy use to better understand power consumption and develop reduction strategies.



Future View Looking South on North Woodlawn Avenue to Indiana Memorial Union

