Why do a master plan?

One of three planning tools:

• **What** – strategic plan establishes need and direction (*K-State 2025*)

• **Where** – master plan guides physical development

• **How** – financial plan facilitates implementation
Incorporation of the K-State Strategic Plan

Potential Enrollment Growth
  – About 10-12% over 10-12 years

Expand Research
  – Long-term vision to become a top 50 public research university

Strong Academic Experience
  – Destination for scholars
  – Reinforce K-State community

Confront Deferred Maintenance
  – 90% of buildings are over 25 years old
  – 50% of buildings are over 50 years old
Process and Schedule

Discovery & Goal Setting
January 27 – February 2

Campus Analysis,
Space Needs/Utilization
February 27 – March 1

Campus Analysis,
Space Needs/Utilization
March 27 - 30

Idea Generation
May 1 - 3

Interim Updated Plan
July 18 - 20

Final Draft Plan
November 5 - 7

Housing and Dining Master Plan

K-State Student Union Study
Campus Engagement

Meetings with over 500 individuals that represent campus and community interests

Regular meetings with Campus Master Plan Update Task Force

Updates to Foundation, Alumni, and Board of Regents

Continuous on-line survey throughout process –
- 403 Participants
- 274 Ideas
- 541 Comments
Master plan update

As part of K-State 2025, the university is embarking on a comprehensive update of its Campus Master Plan, which was last updated in 2004. Master planning provides a road map for growth and renewal, while helping us decide the best place to make capital investments. By moving forward with this planning effort at this time, we can develop a more comprehensive approach to our future.

We have appointed a Campus Master Plan Update Task Force, which includes representatives from across our campus, to help facilitate this process. We also have selected the Baltimore planning and architecture firm of Ayers Saint Gross to provide their professional services.

In the first phase of this project, representatives from Ayers Saint Gross will conduct a series of stakeholder focus group meetings and open campus
Share your thoughts
www.k-state-masterplan2012.com
Campus Zones

- Core Campus
- Residential
- Mid-Campus
- North Campus
- Athletics and Recreation
North Campus

**Animal Science**
1. Pasture
2. Livestock Meat & Industry Council
3. Artificial Breeding
4. Horse Teaching & Research
5. Beef Cattle Research
6. Swine
7. Dairy Teaching
8. Dairy Research
9. Poultry
10. Purebred Beef Teaching
11. Sheep and Meat Goat
12. Equine Education
13. Livestock Marketing
14. Purebred Beef Teaching
15. Weed Science

**Grain Science and Agronomy**
16. Long-term Crop Rotation Studies
17. Learning Farm
18. Bioenergy
19. Research
20. Compost
21. Education Demonstration

- **Agronomy**
- **Grain Science**
- **Animal Science**
- **Large Animal Research Center**
The campus comprises about 660 acres not including NBAF.

Campus Master Plan Update focused on core campus.
The Campus Master Plan Update should guide the physical development of the campus in a way that will:

- Strengthen Identity
- Clarify Circulation
- Leverage Program Adjacencies
- Promote Sustainability
Guiding Principles:

- Promote Sustainability
- Balance environmental, economic, and social needs

Connect with the Land
Connect with Informal Quads

Guiding Principles:

- Promote Sustainability
- Strengthen Identity
- Extend the character of the most loved portions of the campus to the perimeter
Guiding Principles:

- Promote Sustainability
- Strengthen Identity
- Clarify Circulation
- Improve walkability, integrate bicycle paths, add transit

Connect the Campus
Guiding Principles:

- Promote Sustainability
- Strengthen Identity
- Clarify Circulation
- Integrate research into the daily lives of students
Guiding Principles:

- Promote Sustainability
- Strengthen Identity
- Clarify Circulation
- Leverage Program Adjacencies
- Maintain compact undergraduate core
- Integrate Teaching and Research
- Maintain strong residential communities
Projected Space Needs

Gross Square Feet

- **ACADEMIC and SUPPORT SPACE**
  - Classrooms
  - Labs
  - Offices

- **RESEARCH**

- **STUDENT LIFE**
  - Union
  - Recreation
  - Athletics
  - Not Including Housing

- **Existing (2011)**
- **Current Capital Plan Projects**
- **Projected 12% Enrollment Growth**
Current Capital Plan Projects
Building Conditions

Prioritize renovation of buildings in poor and unsatisfactory condition

Focus on the Sciences and Agriculture – determine if renovation or replacement of lab space is needed
Building Conditions
Potential Collaborative Learning Spaces
Long-term Campus Plan

• Develops the responsible capacity of the land
• Maintains a compact and well connected campus core
• Leverages program adjacencies

• As the housing master plan is completed, it will be incorporated into the overall master plan
Master Plan Capacity

Campus building capacity to meet Strategic Plan needs

- 776,000 GSF
- 424,000 GSF
- Up to 800,000 GSF

Total: Over 2,000,000 GSF
Existing Open Space

Network

Existing Campus Buildings

Existing Open Space
Proposed Open Space Network

- Converts 28 Acres of asphalt into 15 acres of new building sites and 13 acres of new open space
- Exports the character of the core to edges
- Connects Open Spaces
- Improves quality of campus walk
- Defines campus edges
- Potential geothermal wells and other alternative energy sources
- Integrated Stormwater Management
• Integrates sustainable and needed stormwater management

• Creates beautiful campus amenity
Expanded Pedestrian Zone

Existing

Proposed

- Streets
- Ped Zone
- Limited Access Drives
Proposed Pedestrian Movement Patterns

• Maintains compact campus core

• 10 Minute walk within the academic core

• Improves quality of walk across campus

• Reduces pedestrian – auto conflicts
Existing Parking

- Existing Campus Buildings
- Structured Parking
- Surface Parking
Proposed Parking and Transportation

- Uses existing parking resources to full potential
- Maintains effective parking quantity to serve campus needs
- Future parking deck on North Manhattan and Jardine

Existing Campus Buildings
Structured Parking
Surface Parking
Proposed Parking and Transportation

- On-Campus shuttle connects perimeter parking to campus core
- Expands alternative means of transportation
  - On and off campus transit system
  - Improved bicycling
  - Carpooling incentives
  - Rideshare programs

Legend:
- Existing Campus Buildings
- Structured Parking
- Surface Parking
- Transit Stop with 3 Minute walk radius
Campus Transit

Short-Term Proposed

Long-Term Proposed
Potential On-Campus Bicycle Paths

- Grid of bike paths with lanes that are clearly marked
Proposed Campus Master Plan

Potential Building Sites
Existing Campus Buildings
Proposed Campus Core South

A. Academic Core Expansion
B. Waters Hall Renovation
C. Sciences Quad
D. Engineering Expansion
E. Architecture and Design Renovation and Addition
F. College of Business
G. Union Renovation and Expansion
H. Welcome Center
I. Music Building

[Map of proposed campus core with labeled areas A to I for projects]
Existing Campus Core
Existing Campus Buildings
Potential Building Sites
Proposed Campus Core - North

- Potential Building Sites
- Existing Campus Buildings
Proposed Campus Core - North

A. NBAF Research facility
B. K-State Research Park
C. Pat Roberts expansion
D. Veterinary Medicine renovation and expansion
E. Applied Research Quads
F. Potential Parking Structure
G. Dole Hall expansion

Potential Building Sites
Existing Campus Buildings
Existing Campus Buildings
Potential Building Sites
Proposed Campus Core - Northwest
Existing Campus Buildings

Potential Building Sites

A. Agricultural Research Buildings
B. Stadium and Coliseum additions
C. Recreation Center additions
D. Field Support Building

Proposed Campus Core - Northwest
Draft Guiding Principles

The Campus Master Plan Update should guide the physical development of the campus in a way that will:

• Strengthen Identity
• Leverage Program Adjacencies
• Clarify Circulation
• Promote Sustainability
Proposed Campus Master Plan

Strengthen Identity
Leverage Program Adjacencies
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