1. Avenue of Champions from Limestone to Woodland
2. Rose Street from Euclid Avenue to S. Limestone Street
3. Woodland Avenue and Hilltop Avenue (segments proposed for closure)
4. Funkhouser to Memorial Coliseum
5. Memorial Hall to Martin Luther King Boulevard
6. Memorial Hall to WT Young Library, including the front lawn and amphitheater at Memorial Hall
7. Taylor Education to Maxwell Place
8. From Central Halls and the proposed Science Building to the Funkhouser / Memorial Coliseum corridor
9. Paths connecting the College of Agriculture to the campus core
10. Pennsylvania Court (pedestrian walk leading into the Greek District)
11. Main Building Lawn
12. The Botanical Garden between Patterson Office Tower and the Student Center
13. The White Hall Classroom Building Quad
14. Library Drive, behind the Chemistry-Physics Building
15. The area south of Alumni Drive near the Arboretum
16. Washington Street (not in scope: additional study)
17. Kirwan-Blanding (not in scope: additional study)
EXISTING PLAN

▲ EXISTING ILLUSTRATIVE PLAN
PROPOSED PLAN
SUSTAINABILITY

CAMPUS ZONES
Total UK Ownership 811 Acres

PROPOSED BUILDING COVERAGE
Total Proposed UK Building Coverage 21% 174 Acres

PROPOSED IMPERVIOUS SURFACES
Total Proposed UK Building Coverage 21% 174 Acres

PROPOSED TREE COVERAGE
Total Proposed UK Tree Coverage 19% 143 Acres
SUSTAINABILITY

Landscape and Ecology
A goal of the master plan is to create enduring campus places that improve outdoor comfort and contribute to campus ecology. The following strategies were integrated in the master plan, and will be further explored in the related landscape master plan:

- Identification of areas for additional tree planting for wind protection and shade to improve outdoor comfort
- Reduction of hard surface areas to mitigate heat island effects
- An overall increase in pervious surface areas to improve ground water recharge and stormwater management
- Creation of a new stormwater detention basin within the South Campus to manage stormwater within this area of the campus
- The integration of elements such as parking gardens, bio-swales and filter strips to capture and filter rainwater
- Protection and enhancement of habitats and natural systems, with enhanced connections to broader regional systems

Mobility
A goal of the master plan is to create a comprehensive system of pedestrian, bicycle, transit and vehicular movement to reduce the need for single-occupancy vehicle trips, and improve overall accessibility across the campus. The master plan creates a more compact campus to facilitate improved pedestrian, bicycle and transit connectivity. It also prioritizes pedestrian movement within the campus core, aligns bicycle routes with bicycle parking facilities, and creates a transit hub with more efficient routes to encourage transit use. The master plan coordinates campus mobility strategies with surrounding city and regional transportation plans and policies.
OBSERVATIONS
Campus Landscape & Open Space
SITE 1.1:

Avenue of Champions : : Limestone to Rose
SITE 1.1: AVENUE OF CHAMPIONS (LIMESTONE TO ROSE)
Proposed Concept

Objectives:
Create a unified and memorable pedestrian and open space experience

1. Improve consistency of the streetscape by adding street trees
2. Provide safe pedestrian crosswalks
3. Preserve existing canopy trees
4. Preserve Memorial Coliseum's plaza
SITE 1.1: AVENUE OF CHAMPIONS (LIMESTONE TO ROSE)
Proposed Concept
SITE 1.2: Avenue of Champions : : Rose to Woodland
SITE 1.2: AVENUE OF CHAMPIONS (ROSE TO WOODLAND)

Proposed Concept

Objectives:
Create a complimentary streetscape continuing the pedestrian experience from Avenue of Champions to Euclid Avenue

1. Improve consistency of the streetscape by adding street trees along the southern edge of Euclid Avenue
2. Preserve existing canopy trees
3. Improve pedestrian crosswalks
SITE 1.2 : AVENUE OF CHAMPIONS (ROSE TO WOODLAND)
Proposed Concept
SITE 2.1:
Rose Street :: Euclid Ave. to Columbia Ave.
SITE 2.1 : ROSE STREET (EUCLID AVE. TO COLUMBIA AVE.)
Proposed Concept

Objectives:
- Create a safer pedestrian oriented environment while accommodating both vehicular and pedestrian movements/traffic
- Acknowledge Rose Street as campus gateway

1. Complete street tree planting for a more unified and human scale streetscape
2. Improve pedestrian crossings
3. Upgrade median with groundcover planting or special paving
SITE 2.1 : ROSE STREET  (EUCLID AVE. TO COLUMBIA AVE.)
Proposed Concept
SITE 2.2:

Rose Street : : Columbia Ave. to Huguelet Ave.
SITE 2.2: ROSE STREET
SITE 2.2: ROSE STREET (COLUMBIA AVE. TO HUGUELET)
Proposed Concept: Option 1

Objectives:
- Create a safe pedestrian oriented environment while accommodating both vehicular and pedestrian movements/traffic
- Acknowledge Rose Street as campus gateway
- Consider closing to vehicular traffic

1. Create pedestrian oriented 20’ wide service drive and close road to through-traffic
2. Complete street tree planting for a more unified and human scale streetscape
3. Raise level of driving lane(s) to be flush with existing curb & sidewalk
4. Enhance quality of street paving to emphasize pedestrian-oriented use
SITE 2.2 : ROSE STREET (COLUMBIA AVE. TO HUGUELET)
Proposed Concept : Option 1
STREET SECTION :: ROSE STREET AT FUNKHOUSER DRIVE
Proposed Concept :: Option 1
SITE 2.2 : ROSE STREET (COLUMBIA AVE. TO HUGUELET)
Proposed Concept : Option 2.1 (road open to through-traffic)

Objectives:
- Create a safe pedestrian oriented environment while accommodating both vehicular and pedestrian movements/traffic
- Acknowledge Rose Street as campus gateway
- consider closing to vehicular traffic

1. Complete rows of existing (street) trees for a more unified and human scale streetscape
2. Upgrade median with groundcover planting or special paving
3. Raise level of driving lanes to be flush with existing curb & sidewalk or insert speed tables (optional)
4. Enhance quality of street paving to emphasize pedestrian-oriented use
SITE 2.2 : ROSE STREET (COLUMBIA AVE. TO HUGUELET)
Proposed Concept : : Option 2.1 (road open to through-traffic)
STREET SECTION :: ROSE STREET AT FUNKHOUSER DRIVE
Proposed Concept :: Option 2.1
SITE 2.2 : ROSE STREET (COLUMBIA AVE. TO HUGUELET)
Proposed Concept : Option 2.2 (road open to through-traffic)

Objectives:
- Create a safe pedestrian oriented environment while accommodating both vehicular and pedestrian movements/traffic
- Acknowledge Rose Street as campus gateway
- Consider closing to vehicular traffic

1. Narrow street and add planting and/or sidewalk area along the north side of Rose Street to improve the pedestrian environment
2. Complete rows of existing (street) trees for a more unified and human scale streetscape
3. Enhance quality of street paving to emphasize pedestrian-oriented use
SITE 2.2 : ROSE STREET (COLUMBIA AVE. TO HUGUELET)

Proposed Concept : : Option 2.2 (road open to through-traffic)
STREET SECTION :: ROSE STREET AT FUNKHOUSER DRIVE
Proposed Concept :: Option 2.2
SITE 3:
Woodland and Hilltop Avenues
SITE 3: WOODLAND AND HILLTOP AVENUES
Proposed Concept

Objectives:
- Emphasize safety for pedestrians
- Connect in character to adjacent residential district

1. Continue allée-type tree planting from Kirwan Blanding complex along Woodland
2. Complete tree planting along Hilltop on both sides to frame streetscape
3. Maintain access to parking lots and introduce special paving on both streets after parking lot entries to indicate pedestrian zone
4. Consider closing streets from Cooperstown Drive to University Drive
SITE 3: WOODLAND AND HILLTOP AVENUES
Proposed Concept
STREET SECTION: HILLTOP AVENUE
Existing Conditions

Curb to Curb 30'

4' 10' 10' 10' 4'

[Diagram showing street section with various road elements and measurements]
SITE 4: Funkhouser - Memorial Coliseum : : Pedestrian Spine
SITE 4: FUNKHOUSER-MEMORIAL COLISEUM

Proposed Concept

Objectives:
Major pedestrian campus corridor

1. Strengthen linearity with repetitive elements
2. Unify canopy tree planting for full length of this walkway
3. Upgrade quality of handrails and pavements
4. Redesign and simplify entrance and foundation plantings
5. Adjacent courtyards should support character of pedestrian spine

NORTH:
• Develop succession plan

CENTRAL:
• Remove on-street parking on Patterson Drive
• Replace Japanese Tree Lilac with Honey Locust
• Replace heavy canopy Maples with Honey Locust

SOUTH:
• Complete allée with Honey Locust trees
SITE 5:
Memorial Hall - MLK Boulevard : : Pedestrian Connector
SITE 5: MEMORIAL HALL-MLK
Proposed Concept

Objectives:
- Strengthen movement corridor
- Simplify planting composition to create spatial unity and scale appropriate to the surrounding buildings

NORTH:
- Align and widen stair/ramp on north side of Botanical Garden
- Improve planting area between walkway and building
- Improve street crossing

CENTRAL and SOUTH:
- Create simple composition of lawn and canopy trees by replacing small and ornamental with canopy trees
- Eliminate interspersed residential scale ‘garden islands’
- Concentrate flower and seasonal plantings at building entries and patios
- Maintain and complement system of pathways along natural desire lines
SITE 5: MEMORIAL HALL-MLK
Proposed Concept
SITE 6:
Memorial Hall – W.T. Young Library
Pedestrian Connector
SITE 6: MEMORIAL HALL – W.T. YOUNG LIBRARY
Proposed Concept

Objective:
Visually and spatially connect campus corridor

Three distinct zones:

WEST:
• Remove surface parking, maintain service access
• Establish clean ground plane under canopy trees to ensure visual connectivity

CENTRAL:
• Create ‘parking garden’ by alternating double parking spaces with equal size tree planting islands (18’x18’)
• Integrate bike parking into the parking space/tree planting pattern in front of Funkhouser
• Improve quality of road paving to indicate pedestrian-oriented zone

EAST:
• Keep median planting clean and simple
• Complete allée of canopy trees
• Complete visual accents with tree grouping in the WT Young Library bowl
SITE 7:
Taylor Hall – Maxwell Place :: Pedestrian Spine
SITE 7: TAYLOR HALL (TAYLOR HALL TO MAIN BUILDING)
Proposed Concept

Objectives:
Create a more connected campus corridor

- Complete allée of canopy trees from the Main Building lawn to Limestone
- Maintain informal tree planting in front of the College of Education, limb up trees to 8’ height to improve visual connectivity
- Reinforce crossings with special paving
SITE 7: TAYLOR HALL (TAYLOR HALL TO MAIN BUILDING)
Proposed Concept
SITE 8:
Central Halls – Funkhouser :: Pedestrian Connector
Objectives: create an interconnected campus corridor experience

**WEST**
- Funkhouser Drive
  - primary entry to academic core of the campus
  - Not formally expressed as heavily used pedestrian gateway to the campus

**CENTRAL**
- Rose Street:
  - create a safe pedestrian-oriented environment
  - Plant additional street trees to create a more unified streetscape
  - Enhance quality of street paving to emphasize pedestrian-oriented use

**EAST**
- South of Rose Street (Hilltop Avenue)
  - Introduce street trees along both sides of Hilltop Avenue to create a habitable and attractive walking environment
  - Create a safe pedestrian crossing condition at the parking garage entry
SITE 8: CENTRAL HALLS - FUNKHOUSER
Proposed Plan
SITE 9:
College of Agriculture connection to Campus Core
SITE 9: AGRICULTURE - CAMPUS CORE

Existing Conditions
SITE 9: AGRICULTURE – CAMPUS CORE
Proposed Concept

Objectives:
- Offer more attractive route of travel from the College of Agriculture to the campus core
- Define and encourage new pedestrian movement pattern
- Plant trees along Hospital Drive and Veterans Drive to create a more pedestrian-friendly environment
- Create a safe pedestrian crossing condition
- Encourage shuttle program
SITE 10:
Pennsylvania Court
SITE 10: PENN COURT

Proposed Concept

Objectives:
Create a more unified pedestrian experience along the pedestrian corridor that provides access across the mega-block.

Entry Plaza:
Enhance the entry to the Greek Park with a small plaza and a grove of trees.

Greek Courtyard:
Maintain the character of this beautiful intimate courtyard.

Parking Lot:
- Relocate transformer or improve enclosure
- Complete row of trees to help screen the parking lot

Neighborhood Street:
Maintain residential character and frame with street trees.

Neighborhood Green:
- Provide pedestrian path anchoring the Greek amphitheater to the W.T. Young Library and for future development of the Greek Park
- Infill future Greek housing sensibly to preserve as much of the park-like open space.
SITE 10: PENN COURT
Proposed Concept

PENNSYLVANIA COURT
SITE 11: Main Building Lawn
Objectives:
- Create open space that can be both representative as a memorable visual entry to the campus on Limestone Street
- Provide open space for everyday activities
- Frame and screen views into and out of the campus

1. Strengthen tree grove in the north corner of the lawn:
   - to screen view of Peterson service building from the Main Building overlook
   - to provide space for informal recreation while screening activities from Limestone Street
SITE 11: MAIN BUILDING LAWN

Proposed Plan
SITE 12: Botanical Garden
SITE 12: BOTANICAL GARDEN
SITE 12 : BOTANICAL GARDEN
Proposed Concept

Objectives:
- Foster existing quality of the space
- Enhance unity of space
- Remove all small scale and garden-like plantings to reinforce simplicity of lawn and canopy tree composition
- Add specimen canopy trees as succession trees where appropriate
- Screen concrete retaining wall with planting (hedge or climbers)
- Strengthen (and align) walk along north side
- Provide more seating opportunities in the lawn
SITE 12: BOTANICAL GARDEN

Proposed Concept
SITE 13: Whitehall Classroom Building Quad
SITE 13: THE WHITE HALL QUAD
Proposed Concept

Objectives:
- Create open space that functions as a thoroughfare as well as a ‘place to be’ for social interaction, study or recreation

1. Provide more spaces to sit and linger:
   - Introduce peastone terrace in lawn along Whitehall corridor
   - Turn retaining wall along Anderson into seating steps
2. Remove small ornamental and evergreen
3. Simplify composition of the quad by using only lawn and canopy trees to create a clear spatial composition
4. Reconsider pathway layout to better follow desire lines
5. Replace unhealthy trees with succession planting of large canopy trees
SITE 13: THE WHITE HALL QUAD

Proposed Concept
SITE 14:
Library Drive
Objectives:

- Improve safety and quality of pedestrian experience
- Create ‘parking garden’ by alternating double parking spaces with equal size tree planting islands (18’x18’)
- Enhance quality of road paving to indicate pedestrian-oriented zone while maintaining access for service and parking
- Provide safe pedestrian crossing at service drive entry
- Mark pedestrian crossings from sidewalk on south side of library drive to building entrances and courtyards on the north side with special paving (continuous sidewalk is not possible on north side)
SITE 15:
Alumni Drive
SITE 15: ALUMNI DRIVE
Proposed Concept

Objectives:
Frame Alumni Drive as a campus gateway

- Signalize intersections to promote better bike and pedestrian crossings; or adopt the most pedestrian-friendly roundabout design
- Build on the existing pattern of tree plantings to create a transition from urban to more park-like experience along the Arboretum
- Consolidate detention basins in open area south of Alumni Drive
- Create a street experience with its own strength and quality that is independent of surrounding developments

Alumni Drive focus for future improvement:
- Alumni Drive realignment, closer to the existing road, with smoother curves
- 2-lane cross-section
SITE 15: ALUMNI DRIVE

Proposed Concept
SITE 16: Washington Street
SITE 16: WASHINGTON STREET AREA
Proposed Concept

Objectives:
Create a unified and memorable pedestrian and open space experience

Two distinct areas:

NORTH-SOUTH:
- Potential shortening of Graham Drive at Gladstone Avenue
- Move dumpster to corner of Funkhouser
- Create a continuous open space with sensible pedestrian connections from Funkhouser Drive to Huguelet Drive
- Keep view shed from M.I. King Library toward Huguelet open up to Washington Street
- Plant 'study grove' between Washington Street and Huguelet Drive

EAST-WEST:
- Close the eastern portion of Washington Street (from Rose Street to Gladstone Avenue)
- Create a pleasant walking experience from Central Halls to Washington Street as a new pedestrian entry to the campus core
- Provide safe pedestrian crosswalks
SITE 16: WASHINGTON STREET AREA
Proposed Concept
SITE 16: WASHINGTON STREET AREA (Near Rose Street)

Existing Conditions

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| 5' | 6' | 10' | 10' | 18' |

Curb to Curb 38'
SITE 16: WASHINGTON STREET AREA (Near Rose Street)
Proposed Concept
The landscape on the University of Kentucky campus should be designed to function as a “working landscape” that embraces, integrates and embodies design, environmental and academic values. As a complete system, the working landscape responds to the climate and natural conditions of the site, working with its features to maximize their functional qualities. Through sustainable aesthetic and dedication to environmental responsibility emerge a rigor to place-making and a commitment to creating vibrant campus environments. Working landscapes serve as an extension of the educational environment, embracing academic values and utilizing land as an integrated living laboratory.
LANDSCAPE DESIGN PRINCIPLES

The following tenets should guide the landscape design process and are reflected in the landscape study recommendations:

- Create an identifiable “campus” feeling that is inviting, reinforces the pedestrian environment and supports the University’s mission to provide an intimate, nurturing environment for learning.
- Design with the central Kentucky climate in mind.
- Enhance and respond to local conditions and ecology as a fundamental design determinant for campus landscape.
- Develop a functional landscape that incorporates water conservation, integrates rainwater management into the various landscape and open space elements, and is easy to maintain.
- Create outdoor living spaces that promote a strong feeling of community in addition to supporting activities of the University community and contain a system of lively public spaces that provide a hospitable environment for social interaction.
- Create a network of shade and comfort zones where people can walk, gather and rest outdoors.
- Create an identity and community presence through signature campus gateways and a defined, unified landscape along the public edges of the campus.
GENERAL ISSUES

1. Overgrown areas around building entrances
2. Infill Planting Strategy (Succession)
3. Mature Tired Evergreens
4. Aging Oaks
5. Random plant placement
6. Plant selection with regard to tree size, canopy and density
7. Definition of landscape areas associated with buildings and the overall campus
8. Landscape treatment adjacent to historic structures
9. Preservation of key view sheds
NEXT STEPS

1. Priority Projects

2. Schedule for Design Development