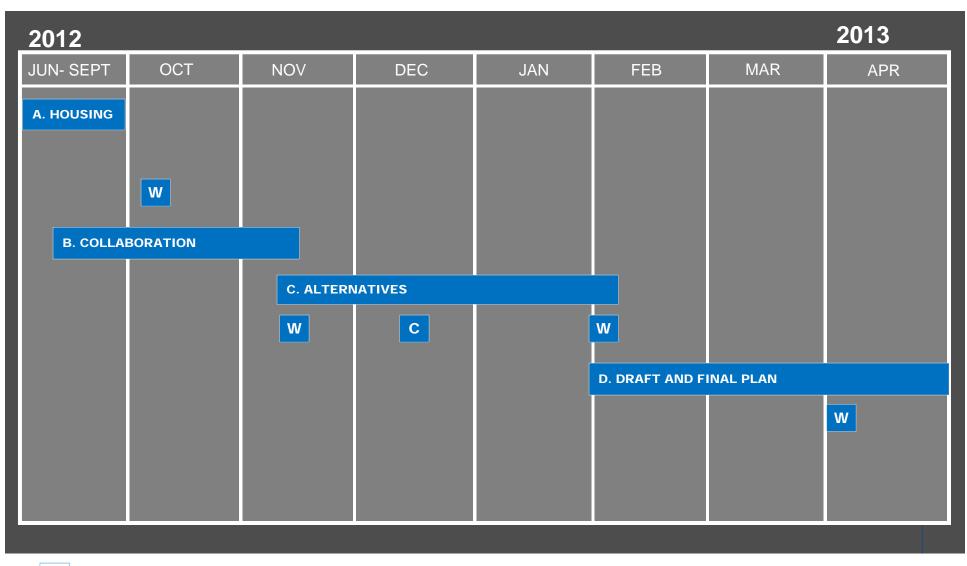
UNIVERSITY OF KENTUCKY Preferred Plan





Ross Tarrant Architects

WORKPLAN AND SCHEDULE



Work Session

Webex Meeting



c North Campus Planning Charrette

KEY DECISIONS

Confirmation of master planning elements:

- Community strategy
- Housing strategy next steps
- Mobility options
- Campus district planning and design solutions

PRINCIPLES



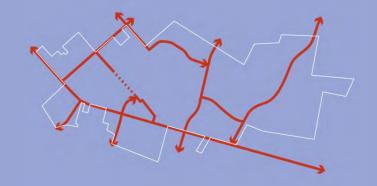
COMMUNITY Forge partnerships to strengthen the neighborhoods surrounding the campus and downtown



CIVIC STRUCTURE Establish a legible civic structure that improves campus quality and reinforces campus identity



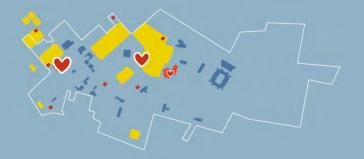
MOBILITY Facilitate safer and more efficient mobility in support of the Master Plan land use and landscape concepts



ACADEMIC ENVIRONMENT Create a 21st century learning environment that supports the technological, social, economic and creative needs of today's students



CAMPUS LIFE Enhance the student life experience and reinforce campus community in strong residential districts, both on and off campus



GROWTH Establish a long-term plan for growth management consistent with the UK mission and that efficiently utilizes land resources

COMMUNITY

COMMUNITY

Goals

 Respond to community concerns through master plan strategies and neighborhood-specific policies

UK Initiatives

- Development of up to 9,000 beds of on-campus housing
- Review of student health and safety issues, including University alcohol policy on and off campus
- Development of on-campus Greek Park area
- North Campus planning charrette with City and neighborhood partners to enhance connections with downtown
- Planned improvements to on-campus parking and campus shuttle system



COMMUNITY Existing Neighborhoods

Data Sources:

Original Map Created by Facilities Management (REV: 20121004) Parcel Boundaries - Lexington-Fayette Urban County Government GIS Office (20120821) Neighborhood Association Boundaries - Lexington-Fayette Urban County Government GIS Office (20120821) 400 800 1,600 N

COMMUNITY Acquisition Boundary

UK Owned Parcel UK Owned Parcel - Rental Non-UK Own Parcel Parcel Outside UK Boundary

UK Building Affiliated Building Acquisition Boundary

Data Sources:

GIS Property Boundaries - Lexington-Fayette Urban County Government GIS Office (20120821) Property Information - Fayette County Property Valuation Administrator's Office (20120821)

- 29 letters sent to Columbia Heights property owners asking whether acquisition boundary should be removed
- 17 responses:
- 12 yes
- 3 no
- 2 undecided

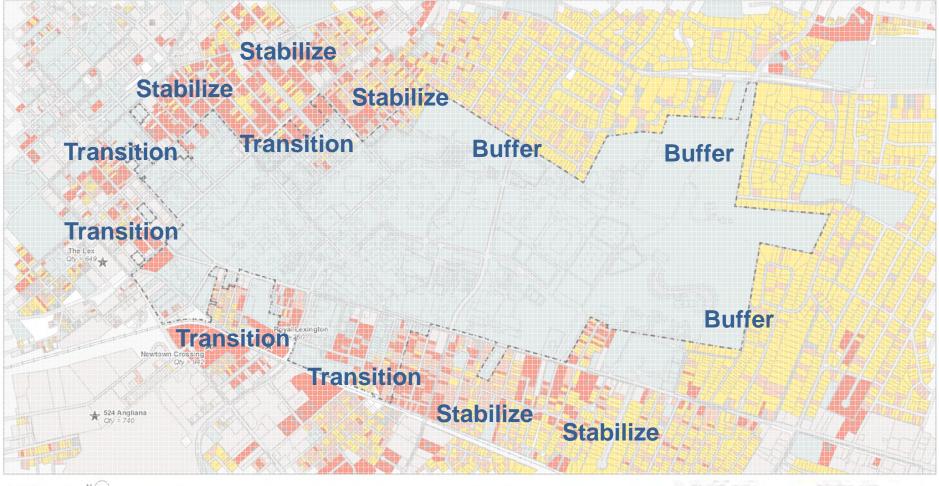


COMMUNITY

Strategies

- **Buffer** stable neighborhoods to preserve neighborhood quality and character
- **Stabilize** mixed neighborhoods to achieve a sustainable balance of student and non-student housing
- Create transitions between the campus and adjacent neighborhoods with compatible land uses and urban design strategies

COMMUNITY Owner Occupied Housing



e 100 500 5000 Track + 10016 at



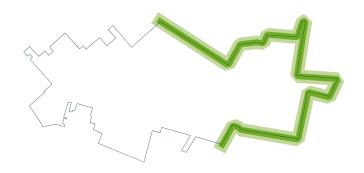
Bed Count Totals

Complexes Shows on Map = 2,691 Complexes Not Simon on Map (incl. The Courtyards, Campus Court at Red Map and Red Map Wilage) = 1,478

COMMUNITY Strategies

Buffer

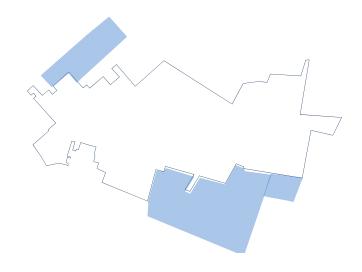
- Clearly define campus boundaries
- Create appropriate landscape buffers along neighborhood edges
- Site campus uses to minimize impacts next to neighborhood edges; consider function, noise, lighting, pedestrian and vehicle traffic



COMMUNITY Strategies

Stabilize

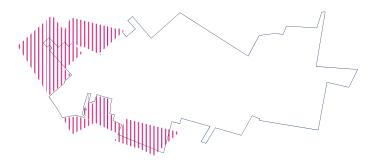
- Implement on-campus housing plan, including Greek Park housing
- Consider strategic acquisition and/or conversion of existing UK housing for faculty and staff to restore balance
- Work with neighborhoods and the City to discourage further conversion of student housing
- Work with neighborhoods and the City on parking policies



COMMUNITY Strategies

Create Transitions

- Create transitions between the campus and adjacent neighborhoods with compatible land uses and urban design strategies
- Continue to work with neighborhoods and the City through strategies such as the North Campus planning charrette
- Consider strategic investments and potential partnerships, e.g. connective corridors with downtown



PROGRAM

MASTER PLAN PROGRAM

Current Projects (Approved 2013)

- Gatton School of Business and Economics renovation and addition
- New Academic Science Building
- Commonwealth Stadium renovation
- EdR housing
- New soccer and softball facilities

Possible Near Term Projects

- MIK Library renovation and reuse
- New dining facilities
- Student Center renovation and addition, including dining
- New South Student Commons
- New baseball facilities
- Johnson Center addition
- Campus beautification and pedestrian improvements
- New parking structure
- New Campus High School (FCPS funding)

Potential Future Projects

- Law School renovation and addition
- Chemistry-Physics Building renovation or replacement
- Taylor Ed / Dickey Hall renovation
- BBSRB2 new construction
- Patterson Hall renovation
- Alumni Gym renovation
- Rec Fields/ Marching Band Field
- Boone Tennis Center expansion
- Additional parking structures
- Washington Street closing and landscape improvements
- Fine Arts/Singletary Center renovation and addition
- Campus core renovations

Medical Center Projects

- Continued hospital build-out
- Children's Hospital
- Shriner's Hospital
- Icon Building
- Dentistry renovation

HOUSING

HOUSING Overall Strategy

Goals

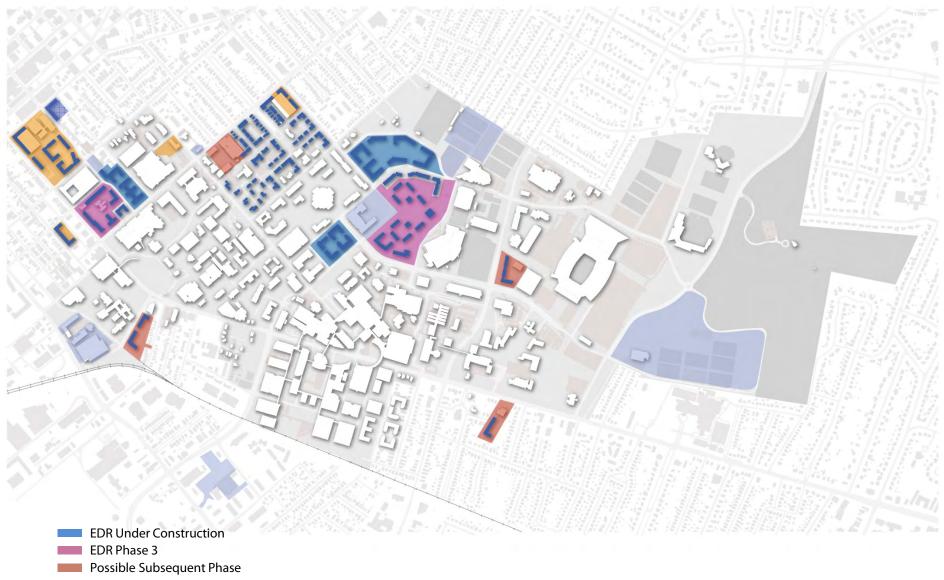
- Renew campus housing to improve recruitment and retention
- Provide up to 9,000 beds of undergraduate housing and adequate graduate housing
- Develop housing districts that contribute to the mission, vitality, image and character of UK
- Improve the student life experience by creating community in districts that include housing, academic space, and student life facilities

HOUSING Potential Housing Sites



No Longer Under Consideration

HOUSING Potential Housing Sites



- Other Potential Sites
- No Longer Under Consideration

HOUSING Current Status

Phase	Year	No. of Beds Undergraduate
Current Phases		
UK Premium Halls	Existing	663
EDR Phase I	Fall 2013	601
EDR Phase II-A	Fall 2014	2,381
EDR Phase II-B	Fall 2015	1,612
Current Phases Subtotal		5,257
Future Phases		
North Campus	Fall 2016	1,321
Sites to be Determined	TBD	2,422
Future Phases Subtotal		3,743
Current and Future Phases Total		9,000

HOUSING Kirwan-Blanding Evaluation

Considerations

- Cost of renovation vs. replacement and financial feasibility
- Site capacity
- Cultural and architectural value
- Community character and placemaking
- Freshmen experience
- Sustainability
- Student affordability (reduced cost of double rooms)

HOUSING Kirwan-Blanding Evaluation



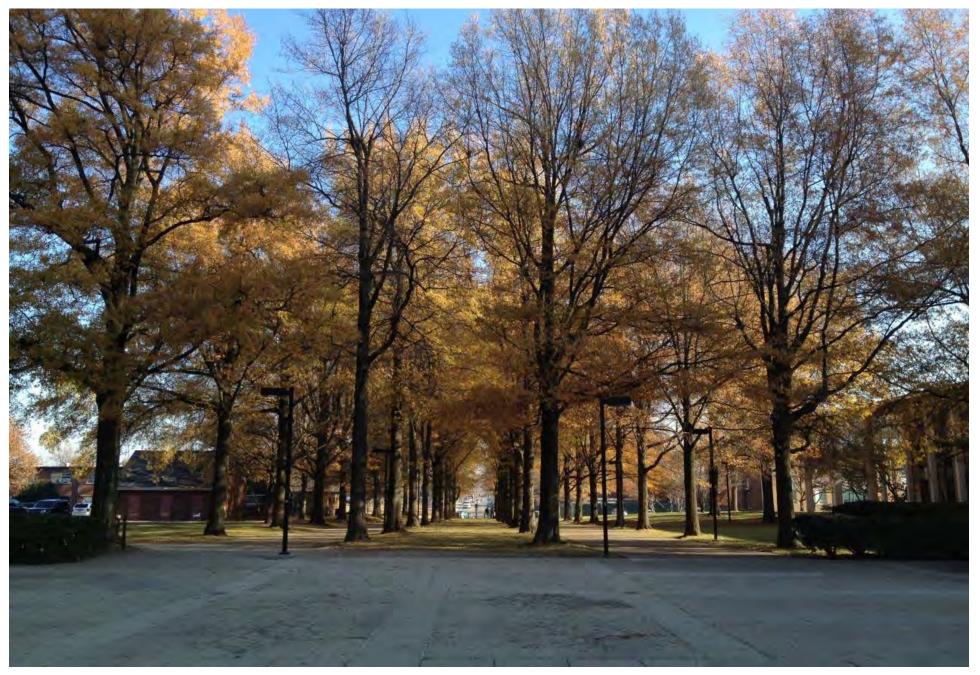
HOUSING Kirwan-Blanding Evaluation: Existing







HOUSING Kirwan-Blanding Evaluation: Existing



HOUSING Kirwan-Blanding Evaluation: Proposed





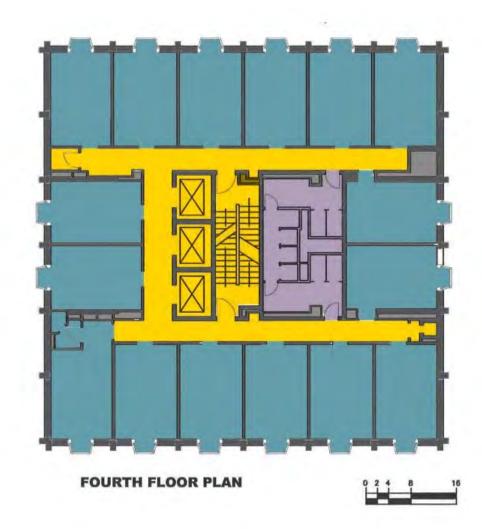


Kirwan Blanding Towers

Concept 1 Regenerating the Core Existing Floor Plan





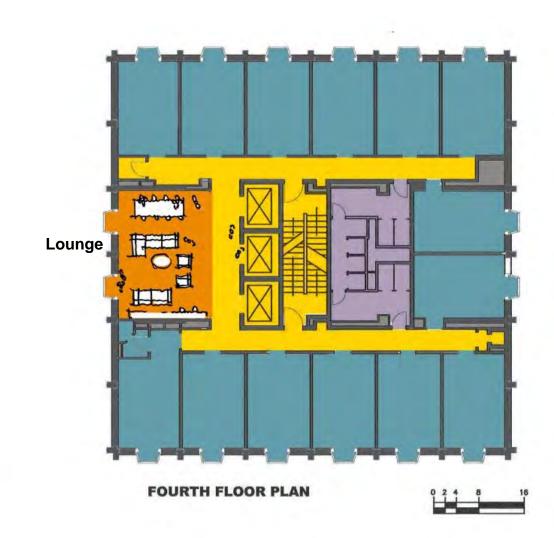


Kirwan Blanding Towers

Concept 1 Regenerating the Core Proposed Floor Plan A





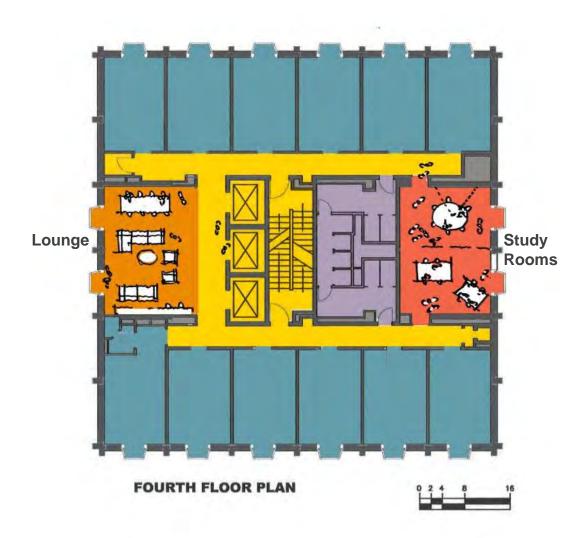


Kirwan Blanding Towers

Concept 1 Regenerating the Core Proposed Floor Plan B



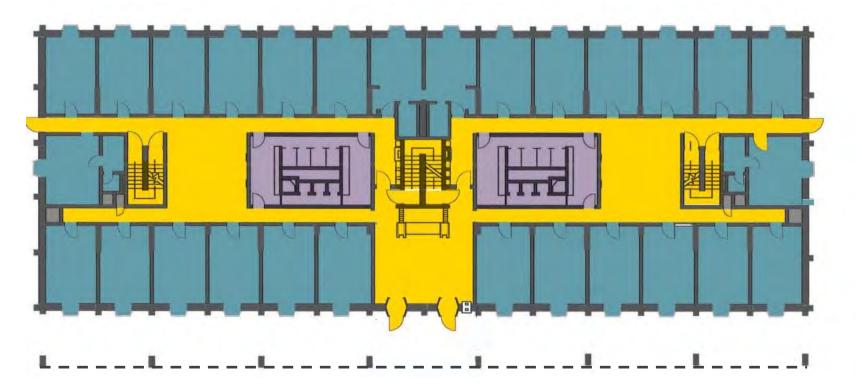




Kirwan Blanding Low-Rise

Concept 1 Regenerating the Core

Existing Floor Plan



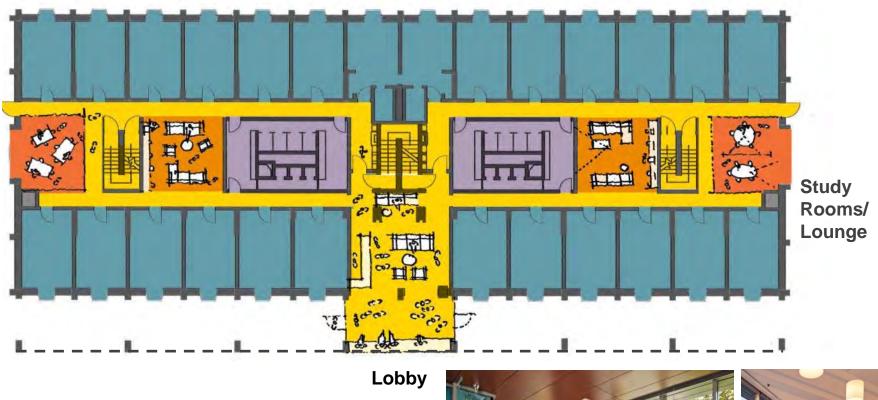
Beds Circulation Social Space Restrooms Study Rooms



Kirwan Blanding Low-Rise

Concept 1 Regenerating the Core

Proposed Floor Plan



Beds Circulation Social Space Restrooms Study Rooms





HOUSING Kirwan-Blanding Evaluation

Concept 1: Renovating Kirwan Blanding Complex Concept 2A: Keeping the Kirwan Blanding Towers and Commons

Concept 2B: Demolishing Kirwan Blanding Complex



HOUSING Kirwan-Blanding Evaluation

Concept 1: Renovating Kirwan Blanding Complex Concept 2A: Keeping the Kirwan Blanding Towers and Commons

Concept 2B: Demolishing Kirwan Blanding Complex



	Concept 1	Concept 2A	Concept 2B*
Total Beds	2,923	3,089	2,222
Cost Range	\$97m - \$154m	\$120m - \$145m	\$103m
Cost/Bed	\$33.2k - \$52.8k	\$38.8k - \$47.2k	\$46.6k

*Illustrates site potential. Current EDR plan accommodates 1600 beds

HOUSING Kirwan-Blanding Evaluation

Assumptions

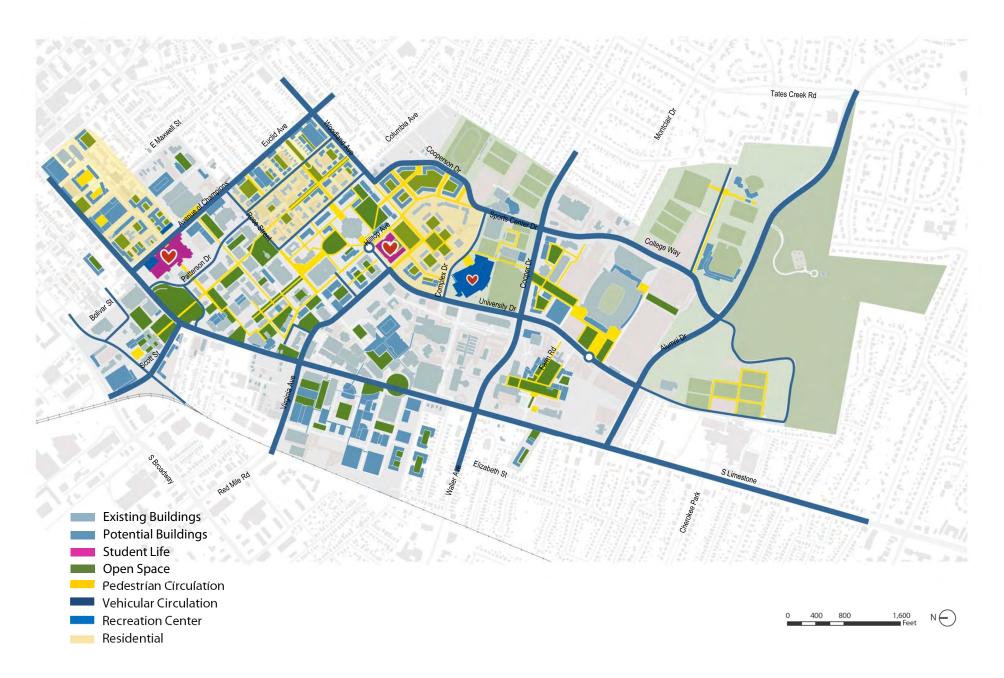
- Renovation range is \$125-\$225/GSF
- New construction cost is \$155/GSF
- Bed count is based on Type C units
- Redevelopment options include demolition costs*
- Renovation cost estimates do not incorporate the Commons

FRAMEWORKS

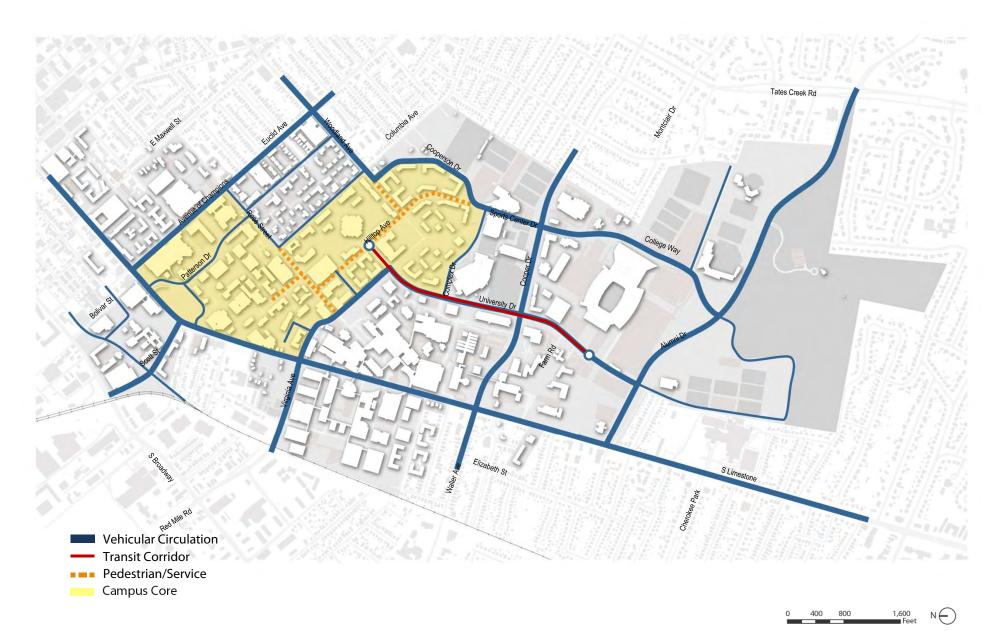
ILLUSTRATIVE PLAN



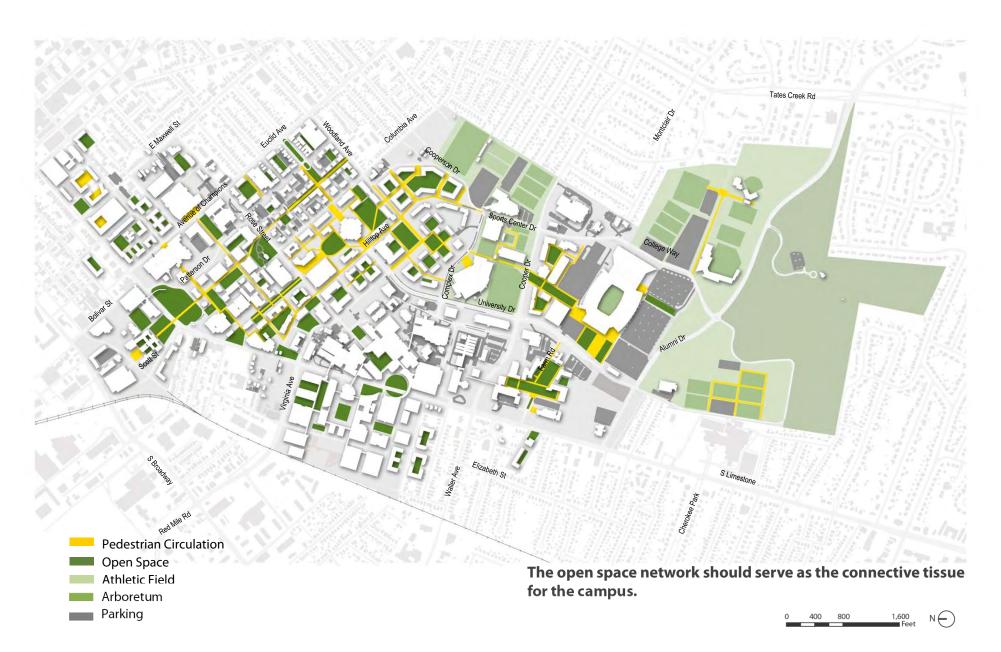
INTEGRATED PLANNING FRAMEWORK



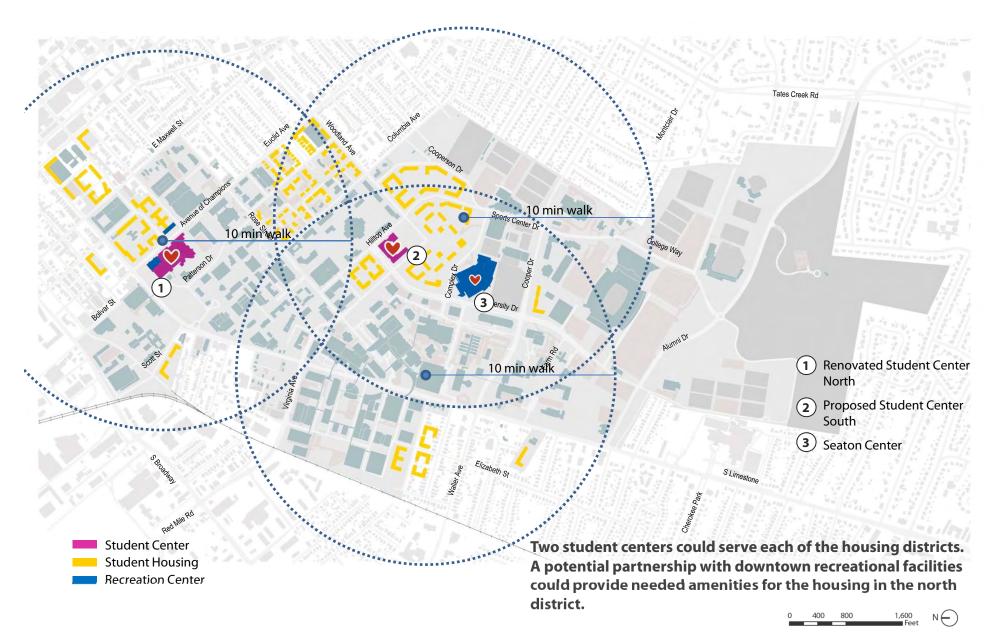
PLANNING FRAMEWORK Mobility



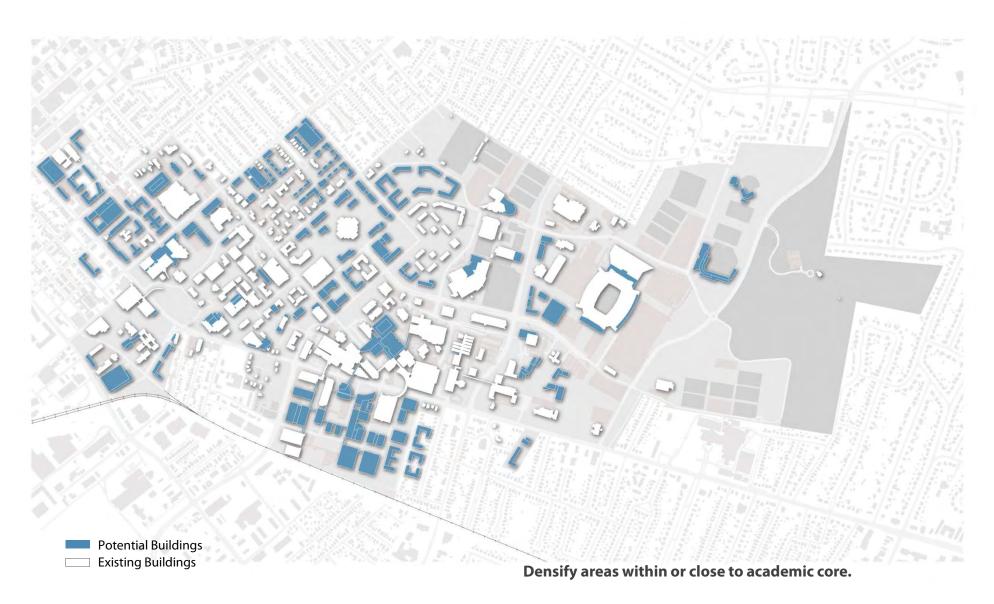
PLANNING FRAMEWORK Open Space Structure



PLANNING FRAMEWORK Campus Life



PLANNING FRAMEWORK Growth





PLANNING FRAMEWORK Land Use



PLANNING FRAMEWORK Academic Environment



MOBILITY

Goals

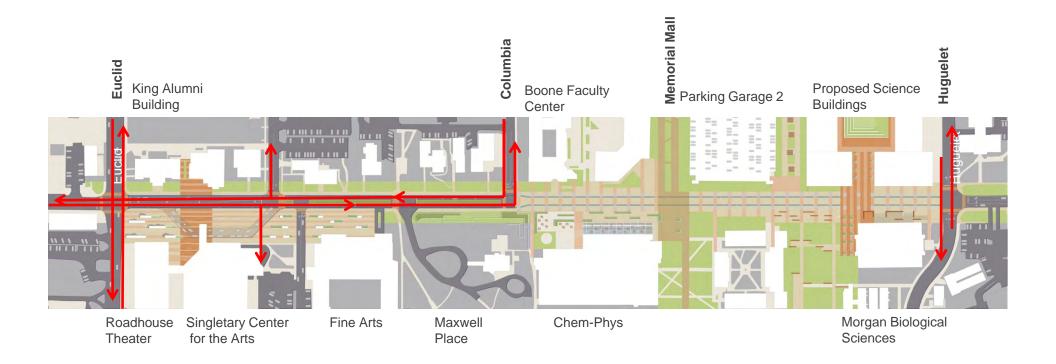
- Strengthen pedestrian routes and enhance safety and accessibility
- Improve Rose Street crossings
- Clarify vehicular routes through campus
- Facilitate efficient shuttle and transit service
- Enhance connections to the regional bicycle network

Strategies

- Restrict traffic on Rose Street, or introduce traffic calming
- Close or re-align strategic road segments
- Concentrate major parking facilities at campus edges
- Integrate shuttle and transit service with land use planning
- Integrate bicycle network with regional system

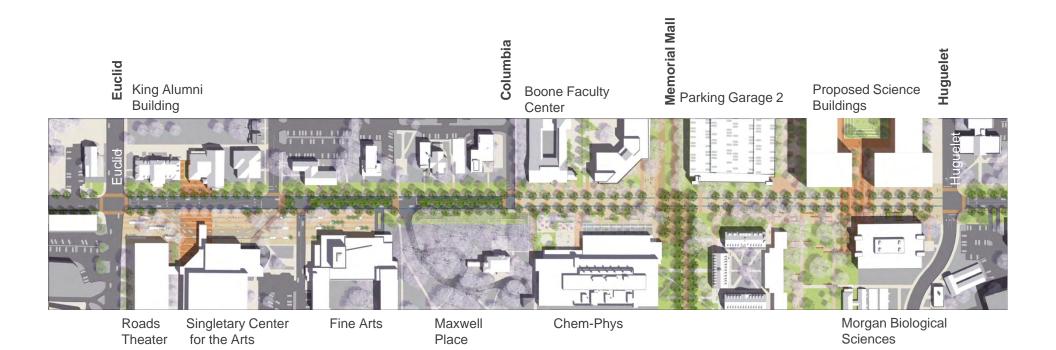
Rose Street Option 1





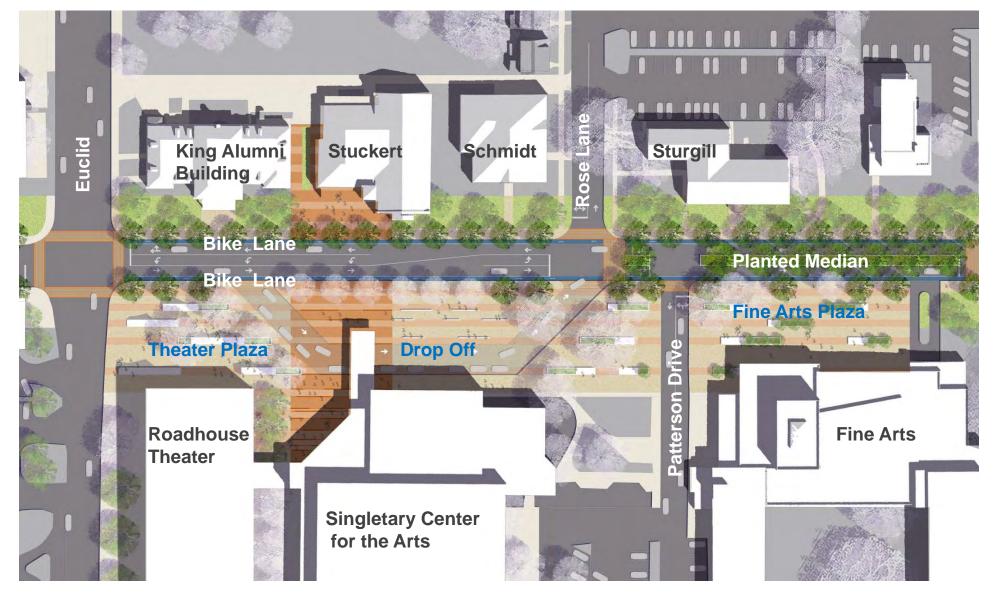






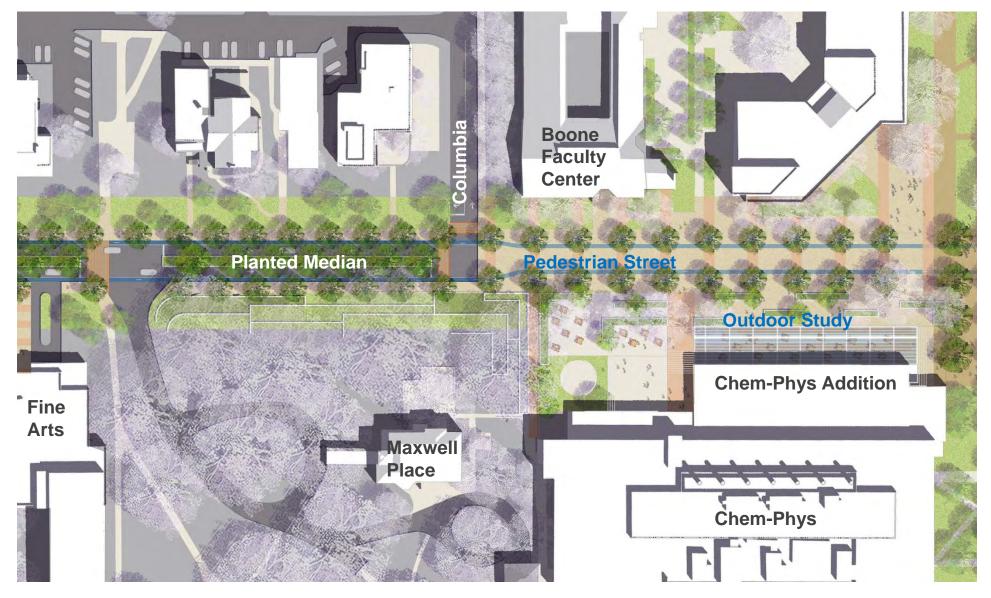
Option 1: Restricting Traffic on Rose Street

Place dynamic programmatic uses along Rose



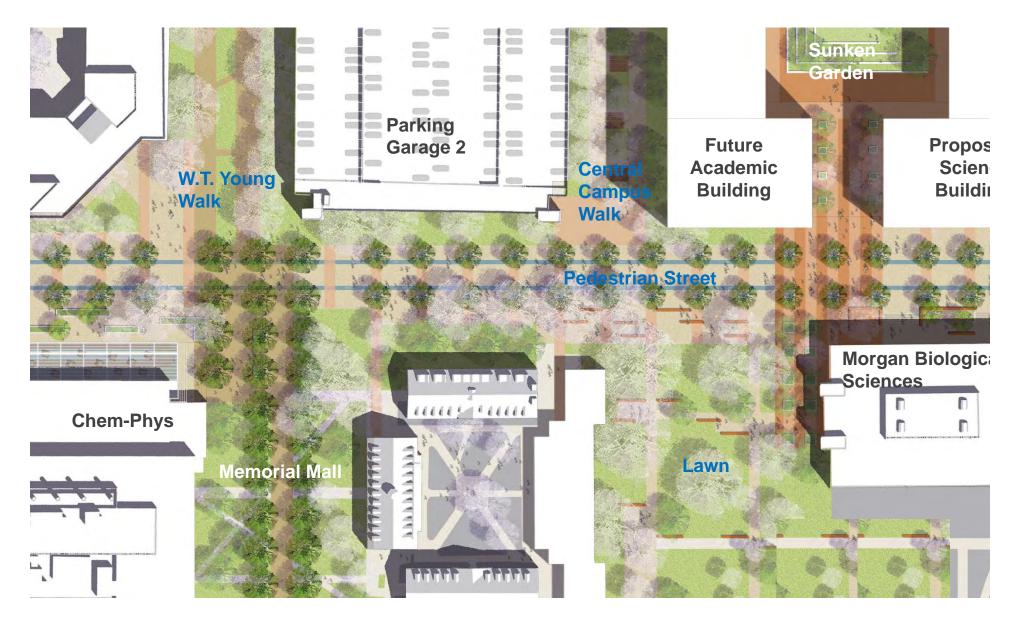
Option 1: Restricting Traffic on Rose Street

Create indoor and outdoor connectivity



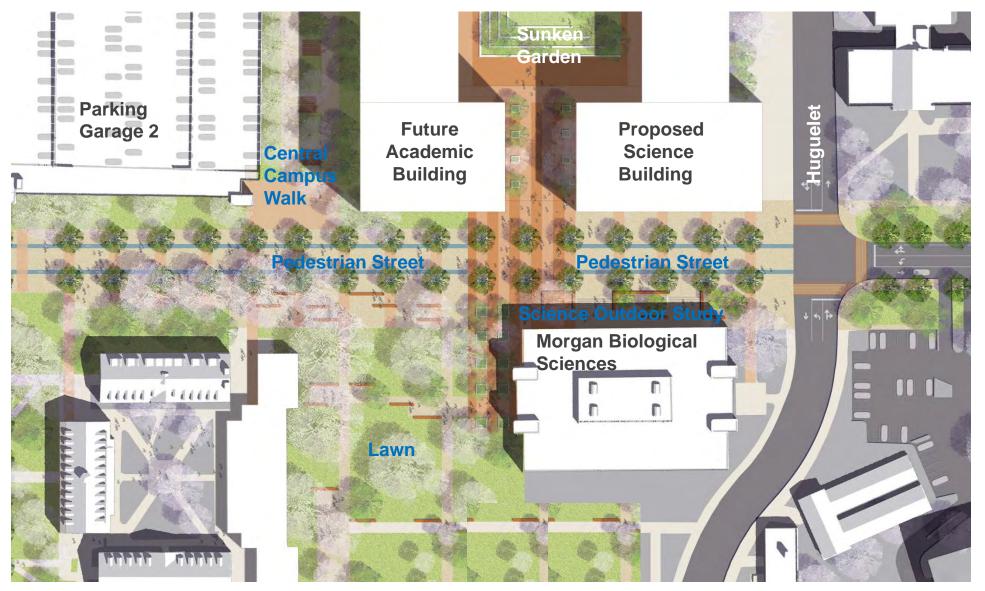
Option 1: Restricting Traffic on Rose Street

Enhance pedestrian movement across Rose with improved landscape , and view corridors



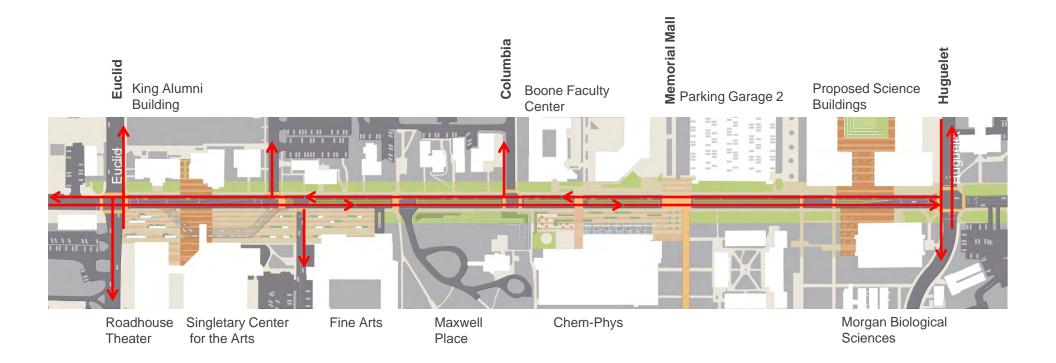
Option 1: Restricting Traffic on Rose Street

Enhance the pedestrian experience with paving, vegetation, and various types of open space



Rose Street Option 2

Option 2: Rose Street Traffic Calming



Option 2: Rose Street Traffic Calming - Spring Garden Street Gateway



Pedestrian Zone 25 mph

25

Gateway Sign

220

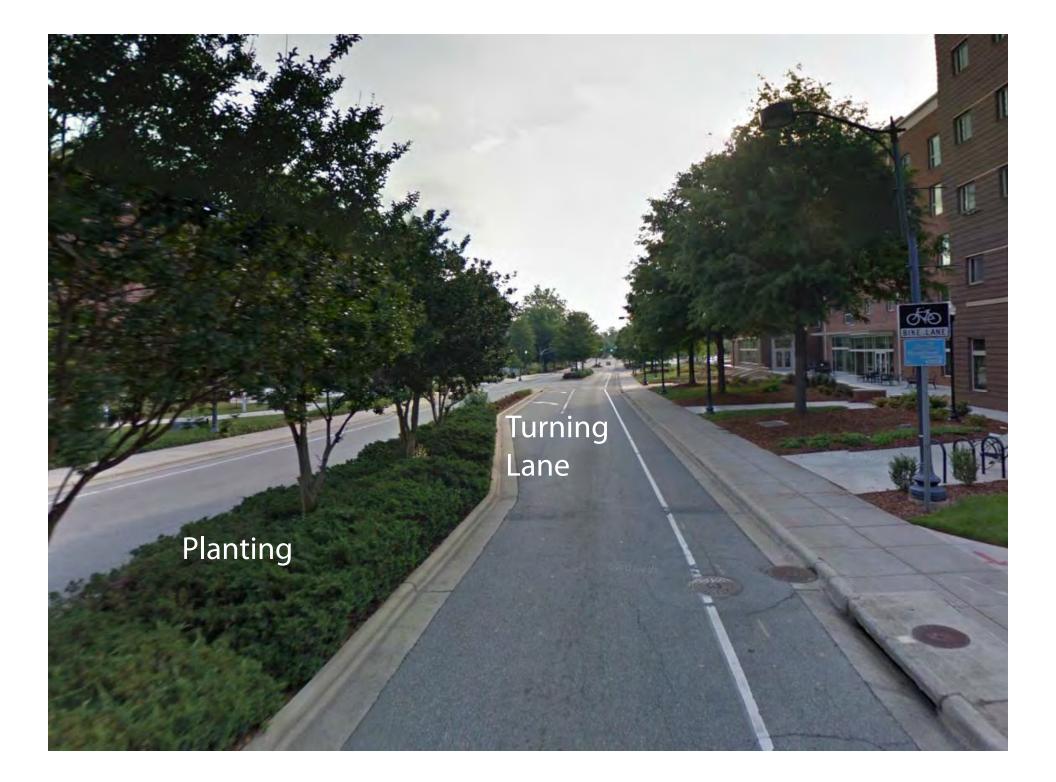
"Threshold" Paving

Tree "Tunnel"

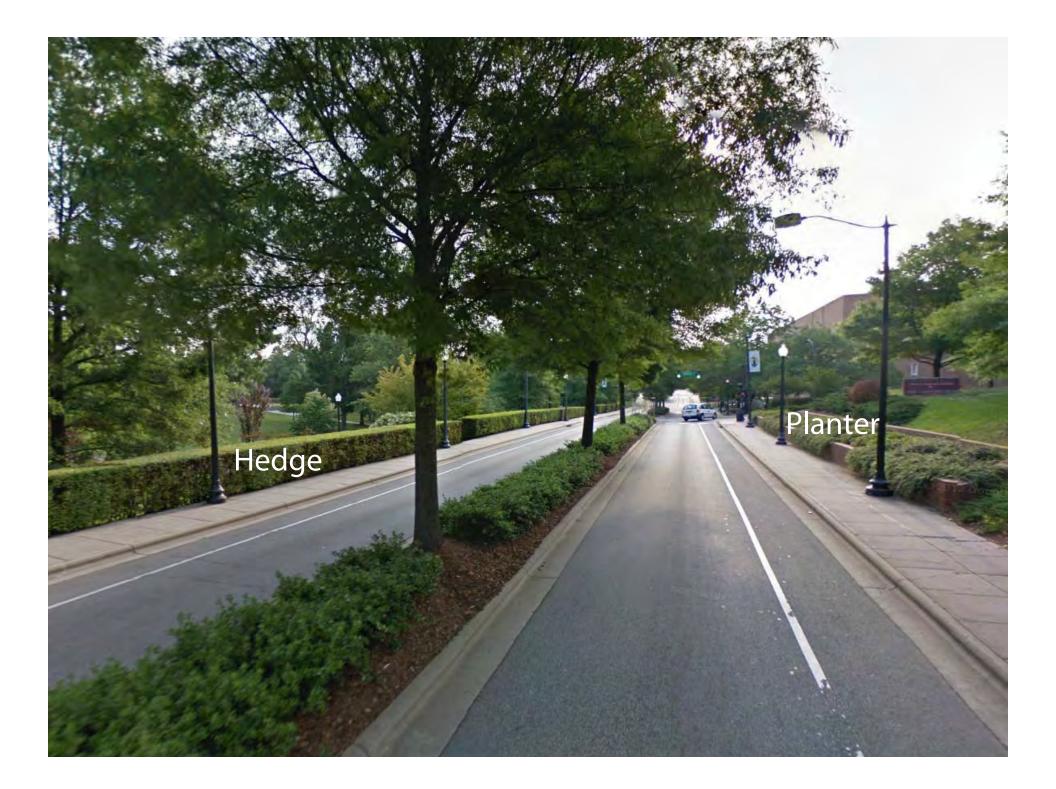
Hedges

Bike Lane

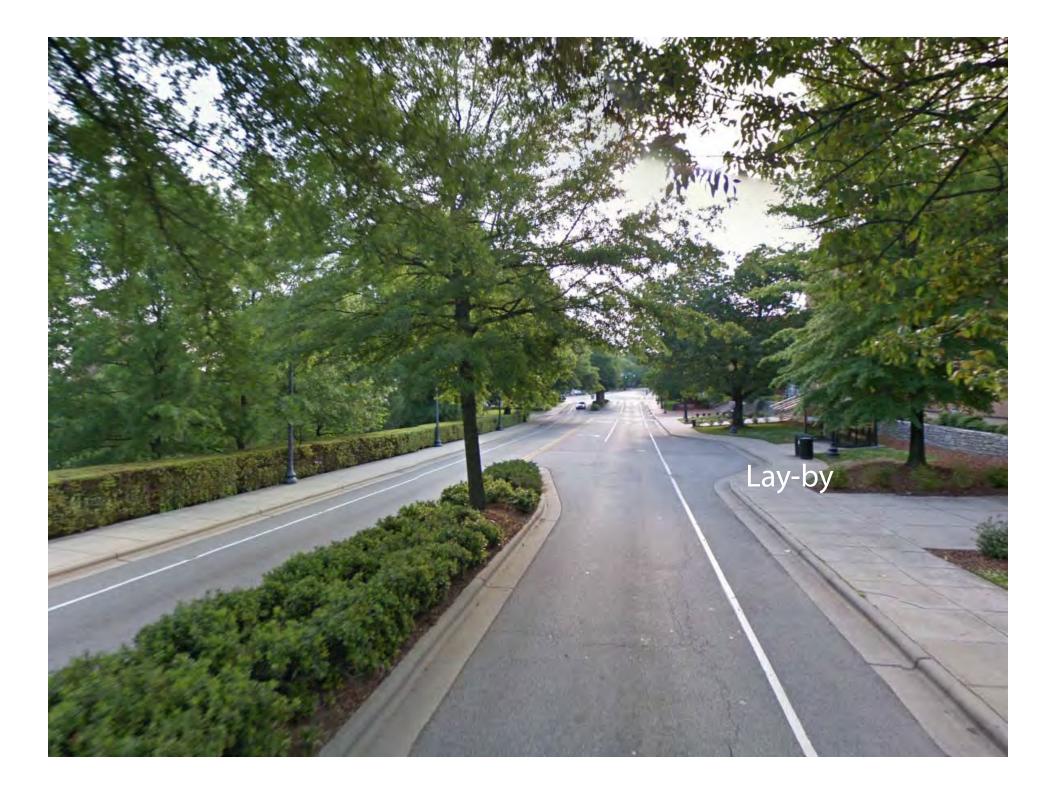
Single Lane

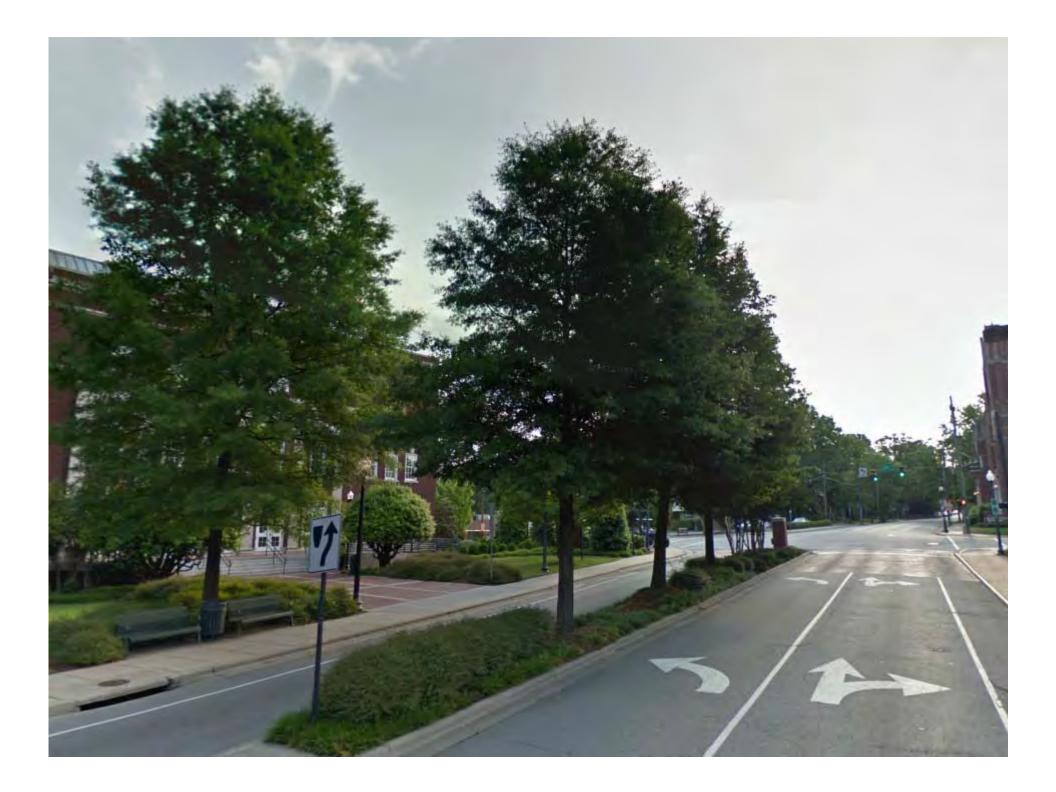


Pedestrian Crossing



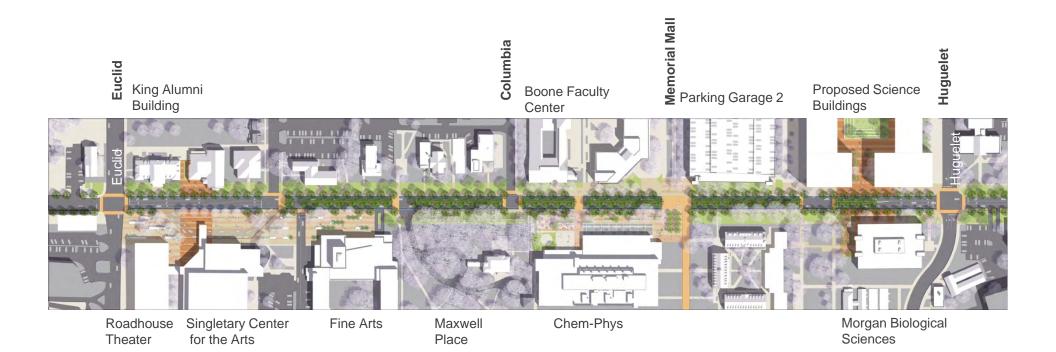






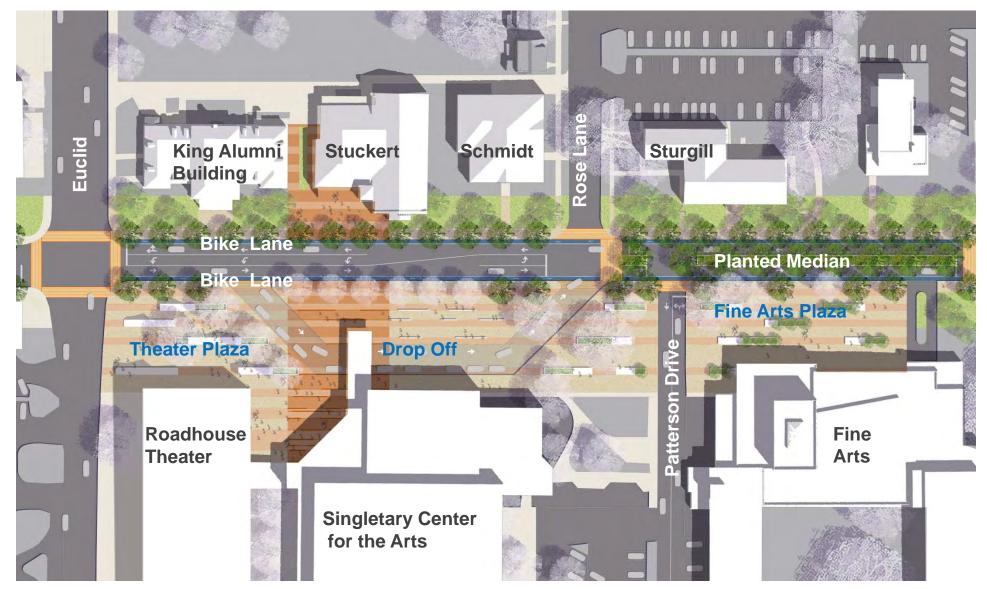


Option 2: Rose Street Traffic Calming



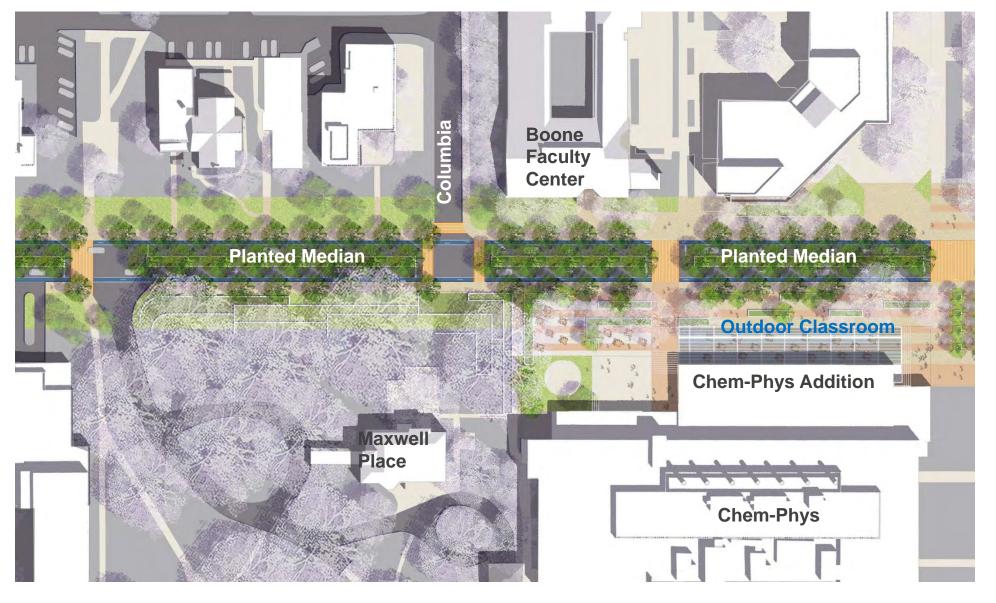
Option 2: Rose Street Traffic Calming

Introduce traffic calming strategies such as medians and bike lanes to slow traffic



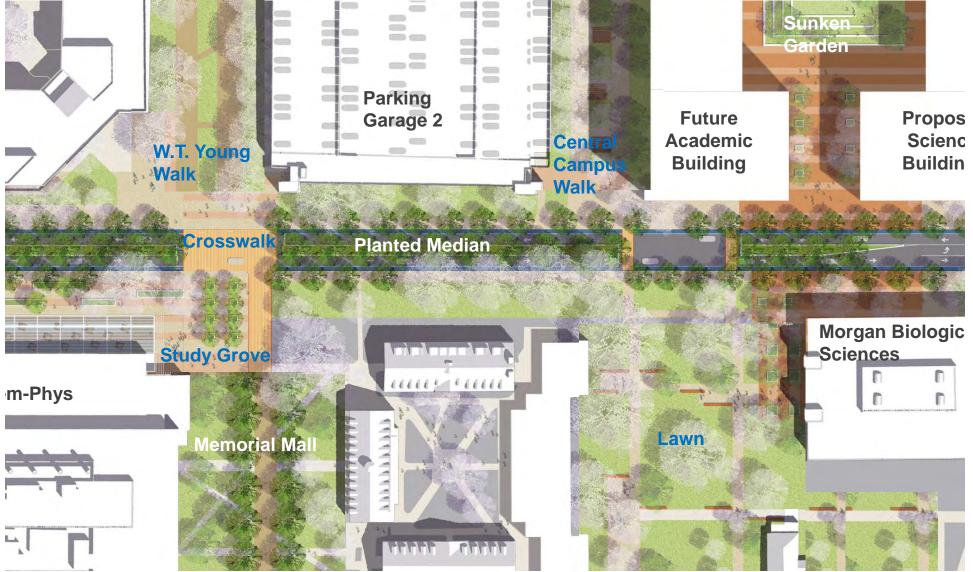
Option 2: Rose Street Traffic Calming

Create indoor and outdoor connectivity



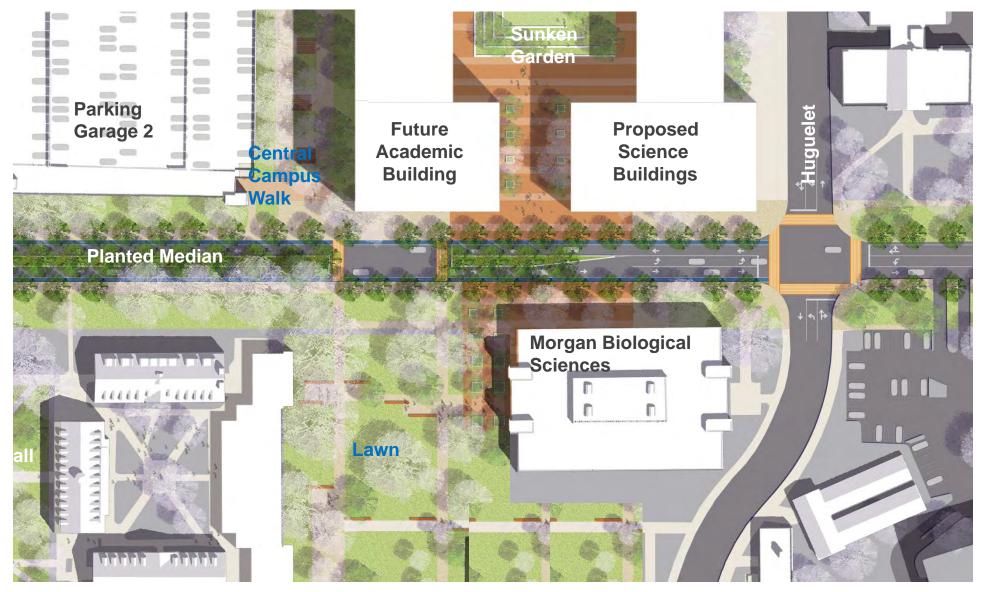
Option 2: Rose Street Traffic Calming

Enhance pedestrian movement across Rose with improved pedestrian crossings at strategic locations, and landscape and view corridors



Option 2: Rose Street Traffic Calming

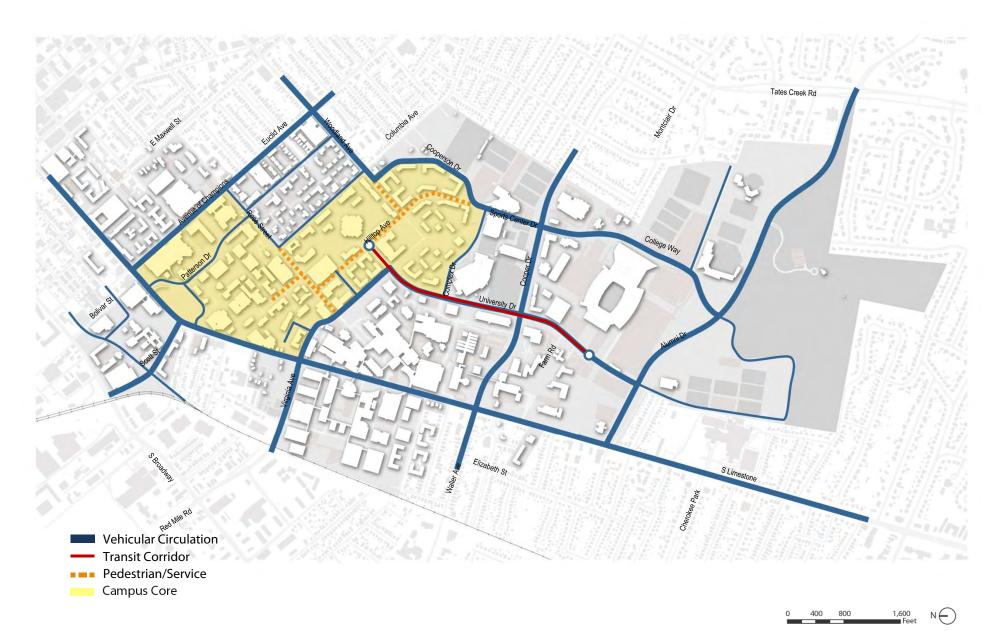
Enhance the pedestrian experience with paving, vegetation, and various types of open space



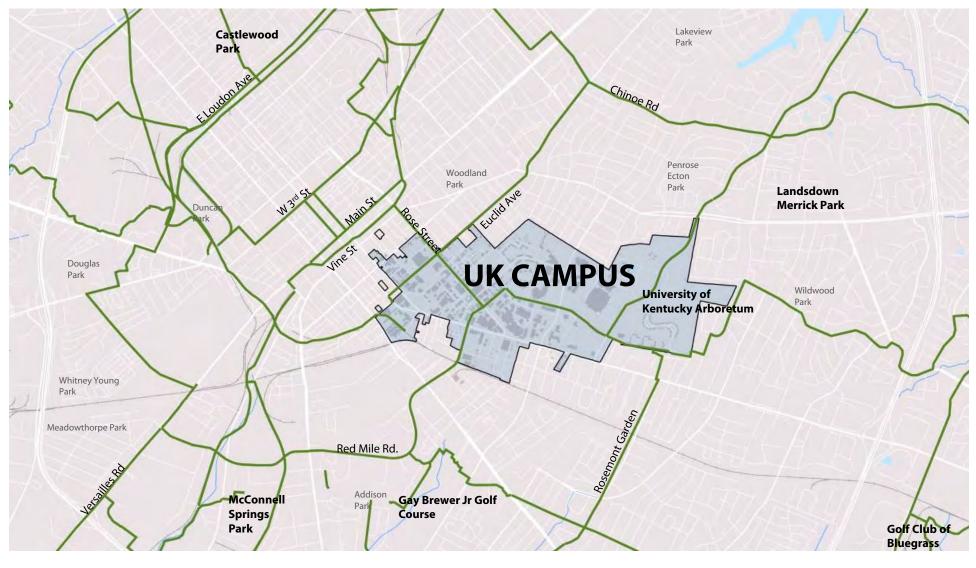
Option 1 and 2: Comparison



PLANNING FRAMEWORK Mobility



MOBILITY FRAMEWORK Regional Bicycle Network



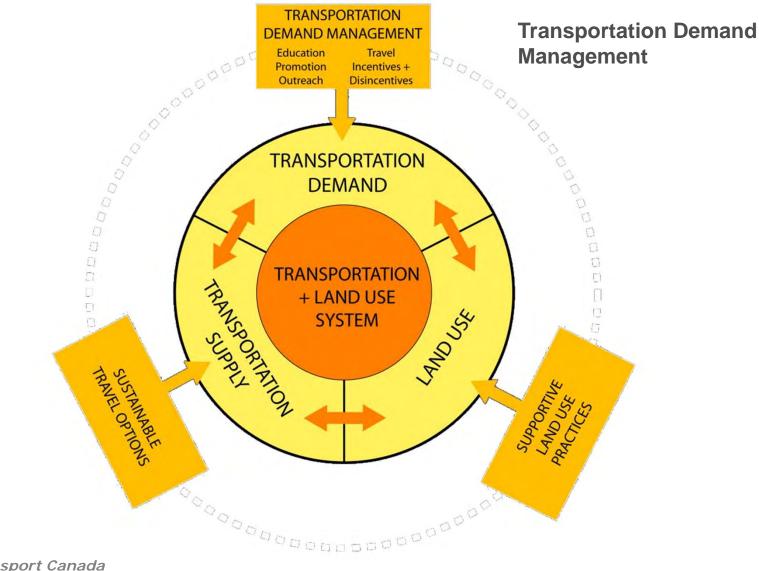
City Bicycle Network
 University Boundary



MOBILITY FRAMEWORK Proposed Campus Bicycle Network

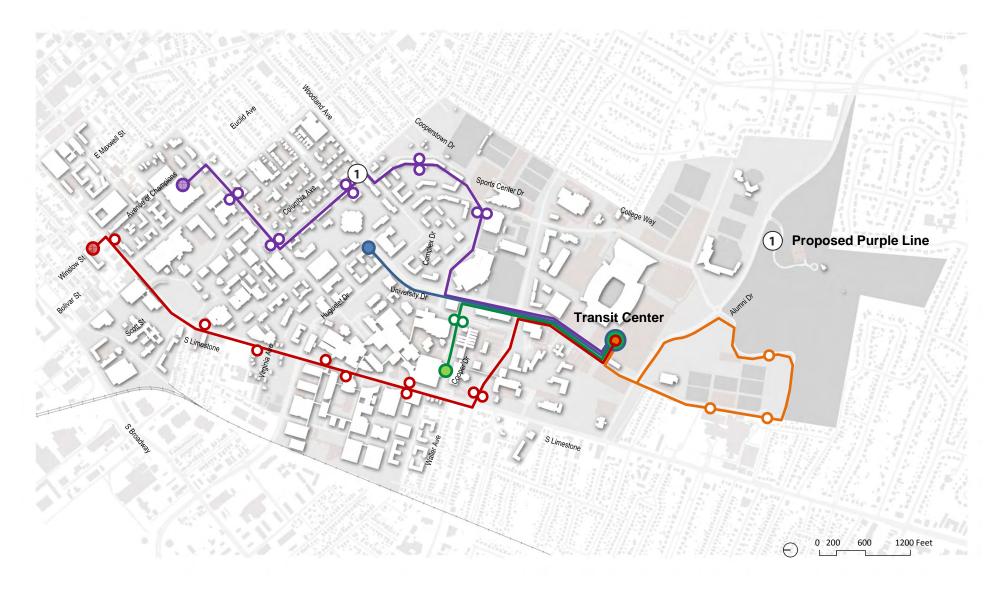


MOBILITY FRAMEWORK Transportation Demand Management



Source: Transport Canada (www.tc.gc.ca)

MOBILITY FRAMEWORK Transit Routes



MOBILITY FRAMEWORK Existing Parking Relocation



MOBILITY FRAMEWORK Potential Parking



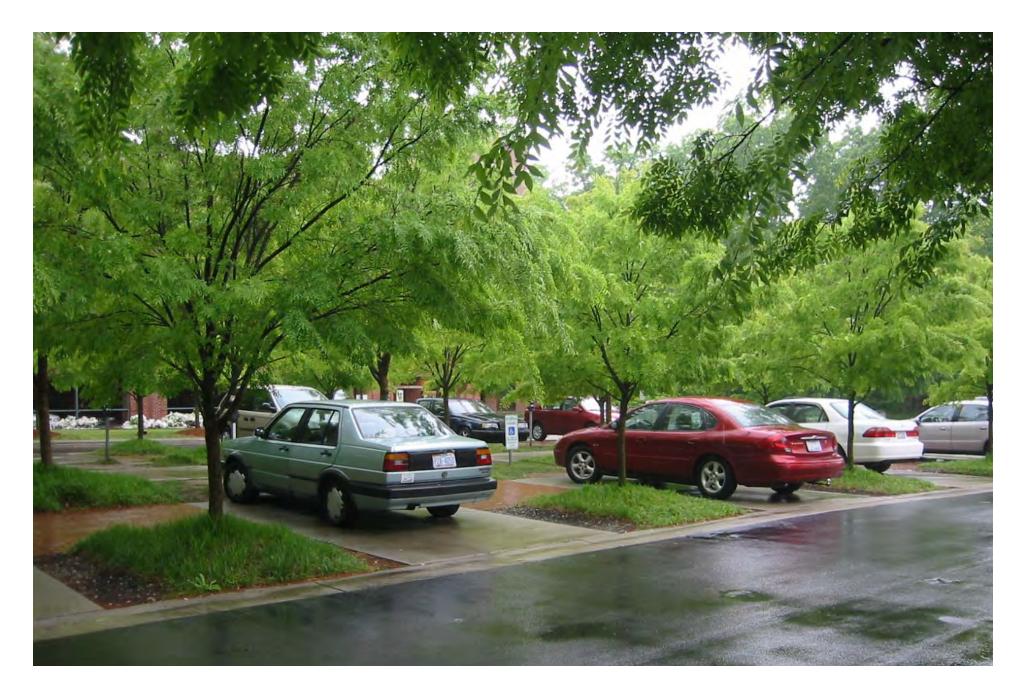
Proposed Garages

MOBILITY FRAMEWORK Handicapped Parking Replacement



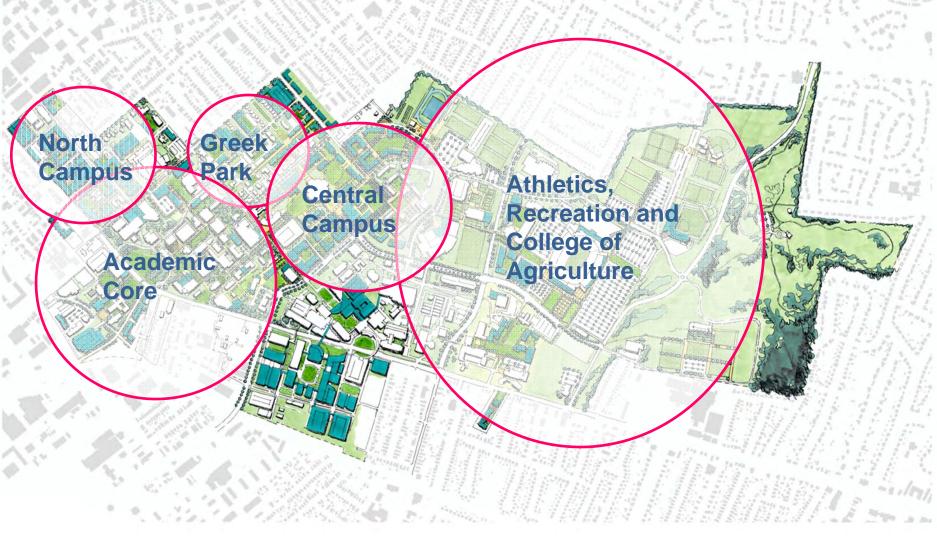
Existing Handicapped Parking Locations

Handicapped Parking Replacement - Parking Garden



DISTRICTS

CAMPUS DISTRICTS



1200 Feet 0 200 600 \bigcirc

Academic Core

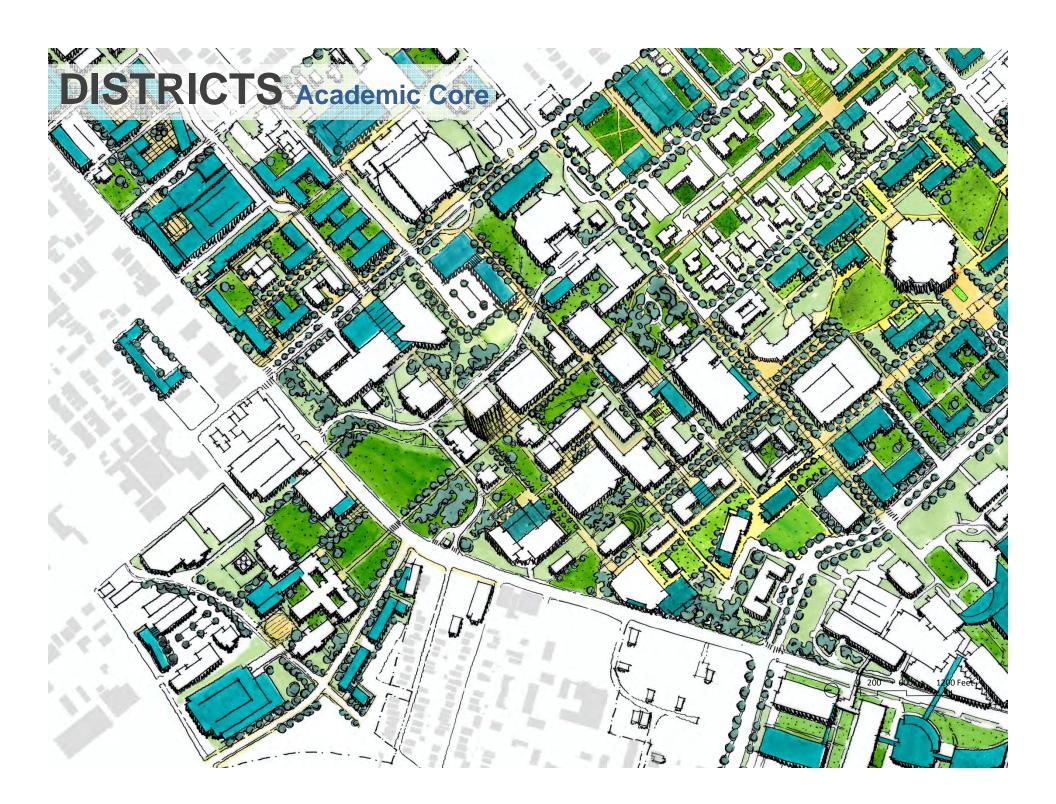
DISTRICTS Academic Core

Goals

- Enhance the teaching and learning environment
- Encourage collaboration outside the classroom
- Accommodate new facilities and improvements
- Preserve a pedestrian-oriented campus core

Strategies

- Implement plans for facility renewal
- Site facilities to reinforce open space and pedestrian frameworks
- Remove non-essential parking from the core
- Create diverse settings for collaboration

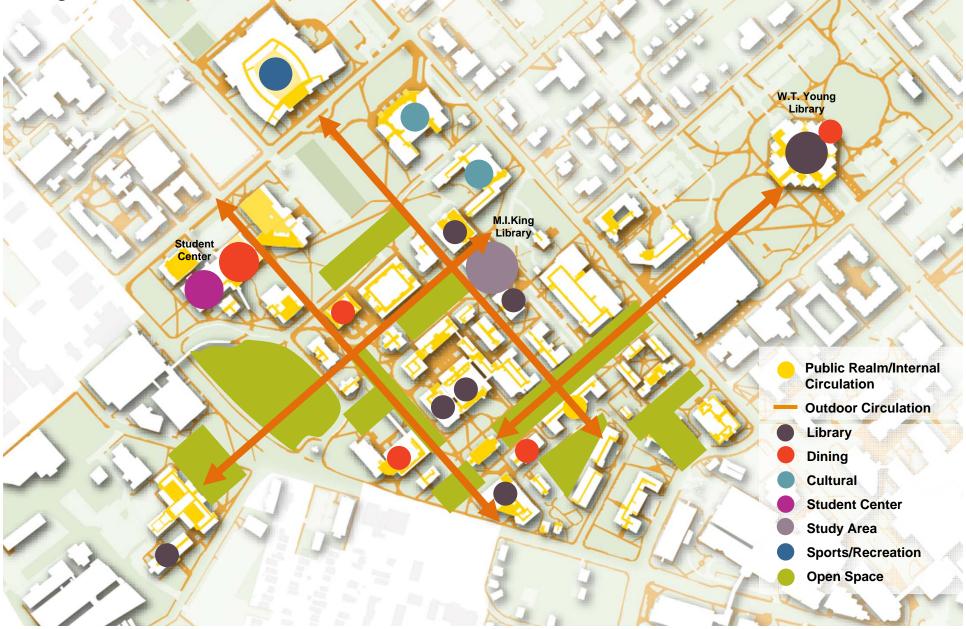


PUBLIC REALM PLAN

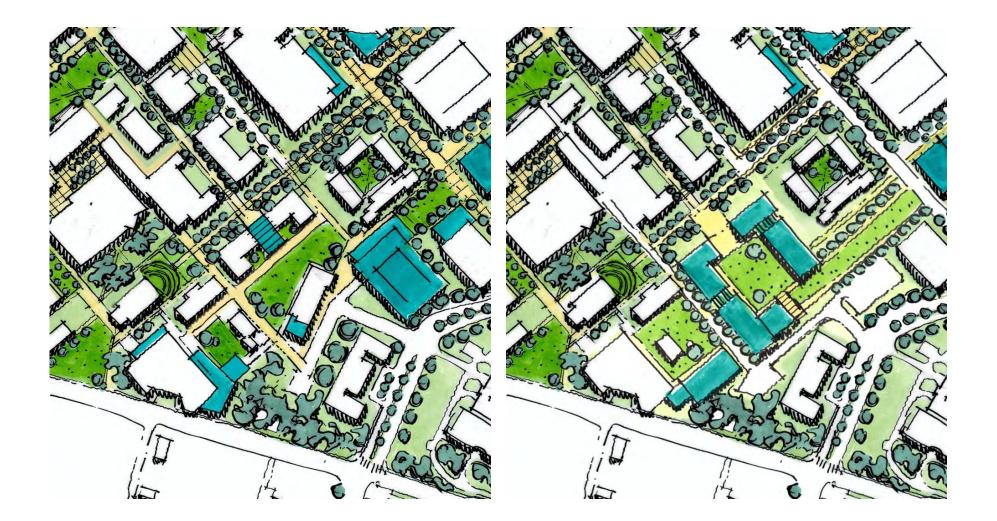
Create a cohesive learning environment in the campus core Relate indoor and outdoor spaces

PUBLIC REALM PLAN

Organization structure: Armatures and Pivots



FUNKHOUSER AREA ALTERNATIVES



DISTRICTS Academic Core Existing



DISTRICTS Academic Core Proposed

Roads Theater

Classroom Building

Student Center Dining Addition

Studen Housin

Botanical Garden

M.I.King Learning Commons

Memorial Mall

Chem-Phys Renovation and Addition

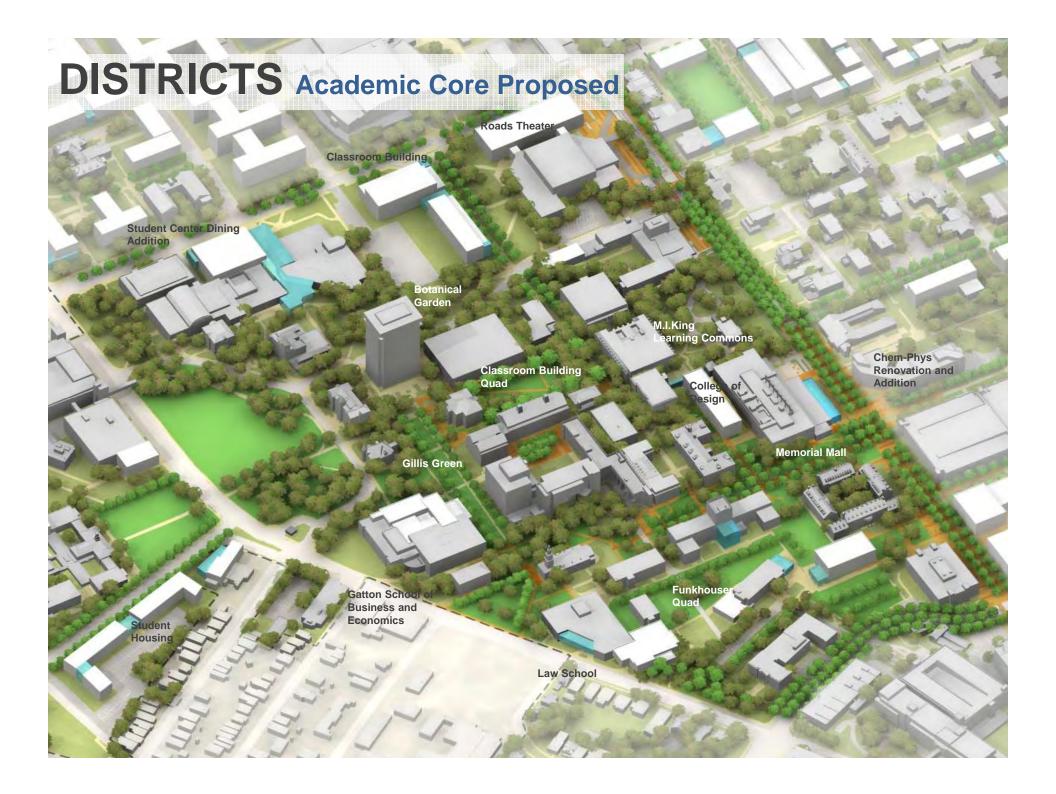
Gillis Green

High School

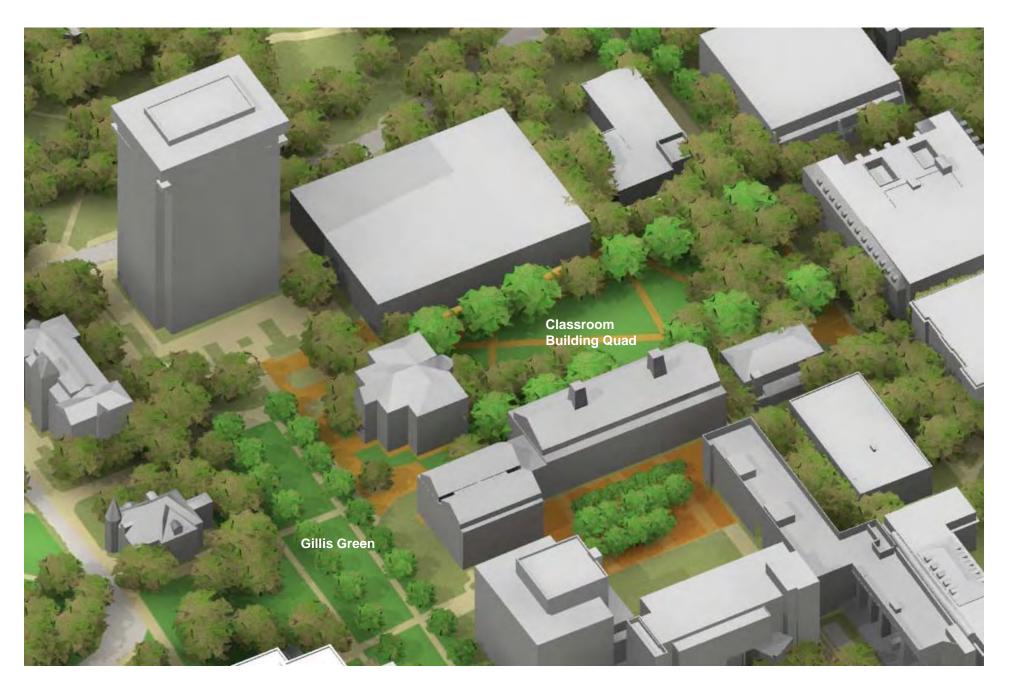
Gatton School d **Business** and **Economics**

Funkhouse Quad

Law School



ACADEMIC GREEN – a place to pass through



ACADEMIC GREEN – a place to pass through







ACADEMIC GREEN – a place for people



ACADEMIC GREEN – a place for people







GILLIS GREEN



LIBRARY DRIVE



MEMORIAL MALL



BOTANICAL GARDEN



Building Renewal



Building Renewal: Transparency



Building Renewal



Building Renewal: Transparency



Building Renewal: Transparency



Building Renewal: Learning Environment



Building Renewal: Learning Environment



DISTRICTS Academic Core

Student Center Renovation and Expansion

Overall Need

- Infrastructure repair and upgrade (mechanical, electrical, waste, and water supply)
- Improved and additional space to support current campus needs

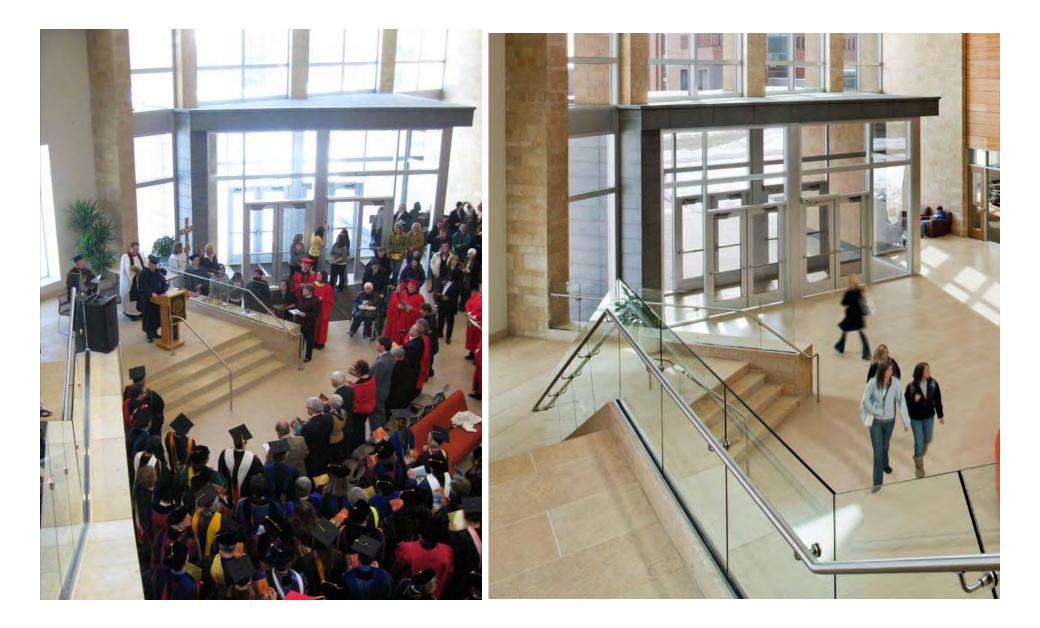
Program

- 270,000 sq. ft. total
- Expansion of existing venues and retail space for revenue generation
- 32,000-35,000 sq. ft. expanded dining for new South Campus residential population
- Large gathering space, meeting and conference space
- Increased social and entertainment space (like Cat's Den)

Transparency



Hybrid Space



Activating Circulation Space



Athletics, Recreation, and Agriculture

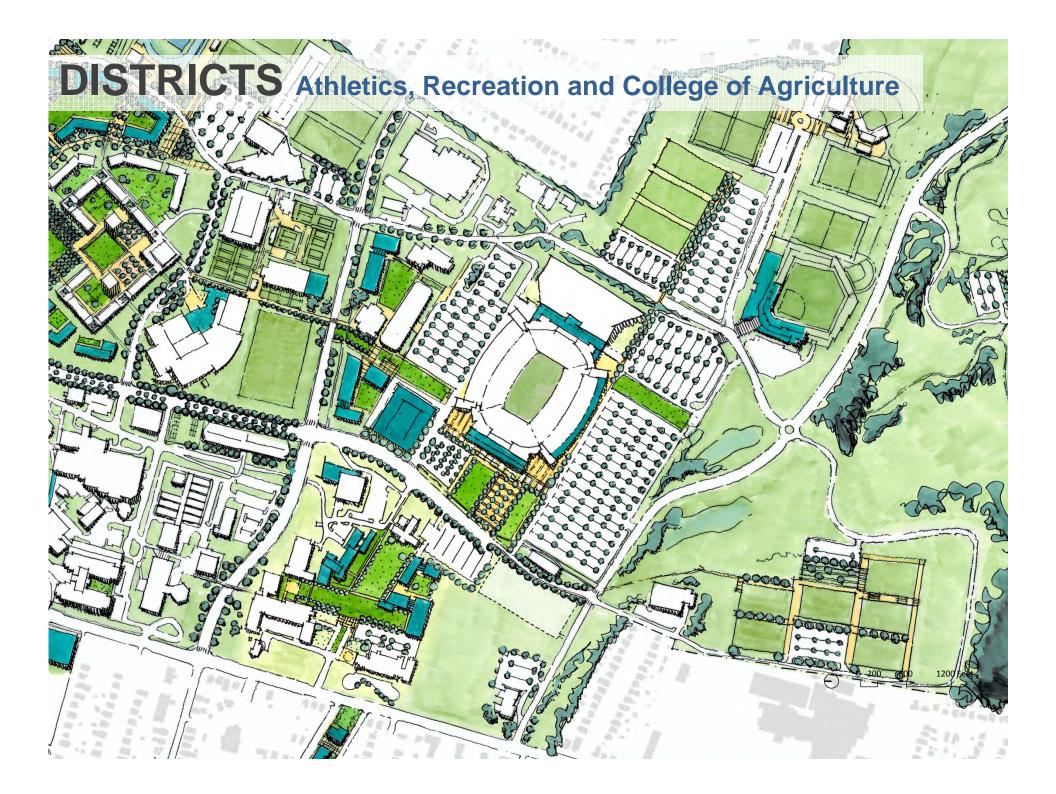
DISTRICTS Athletics, Recreation and Agriculture

Goals

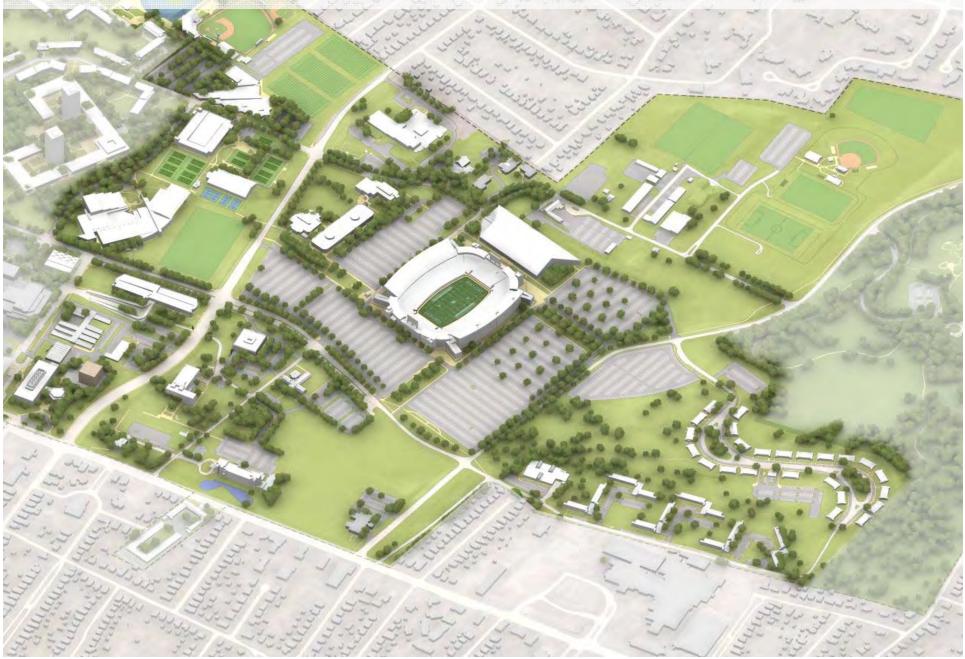
- Accommodate stadium renovation plans, and football, recreation and band practice fields
- Integrate a transit center
- Accommodate long term plans for the College of Agriculture
- Provide both short-term and storage parking

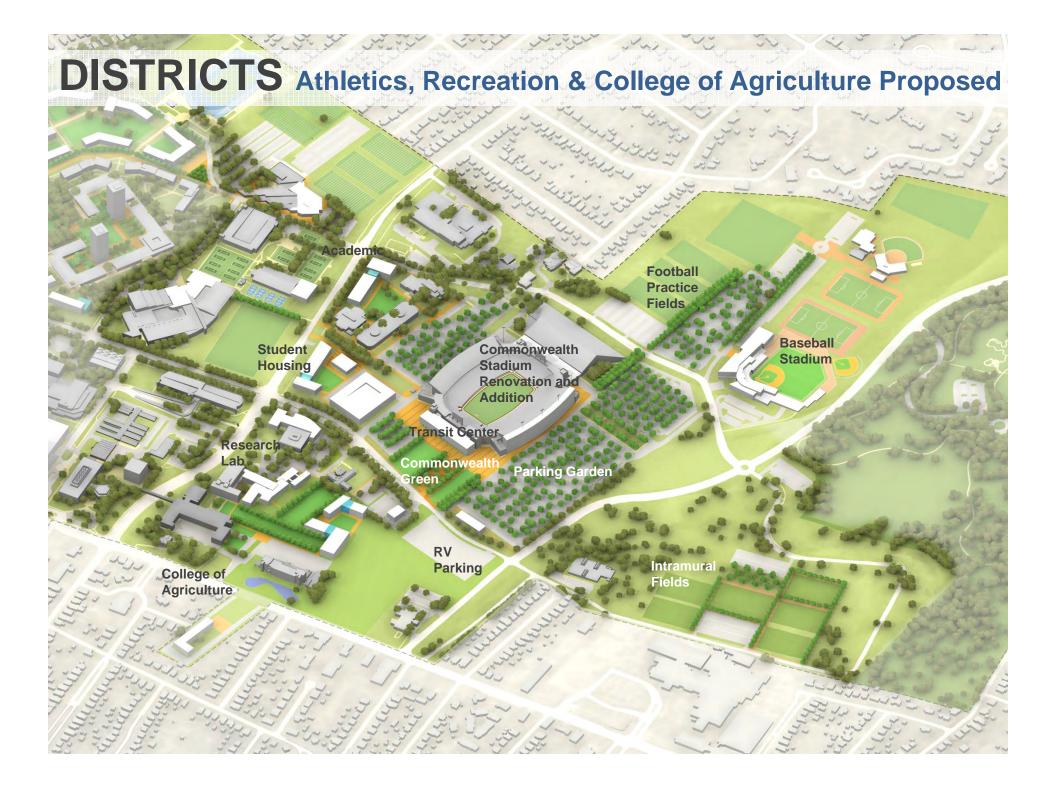
Strategies

- Create an integrated sports and recreation district with a strong identity and sense of place within the south campus
- Integrate transit service with stadium improvements and parking; facilitate access to other south campus destinations
- Integrate long-term plans for the College of Agriculture
- Balance parking needs with placemaking improvements



DISTRICTS Athletics, Recreation & College of Agriculture Existing

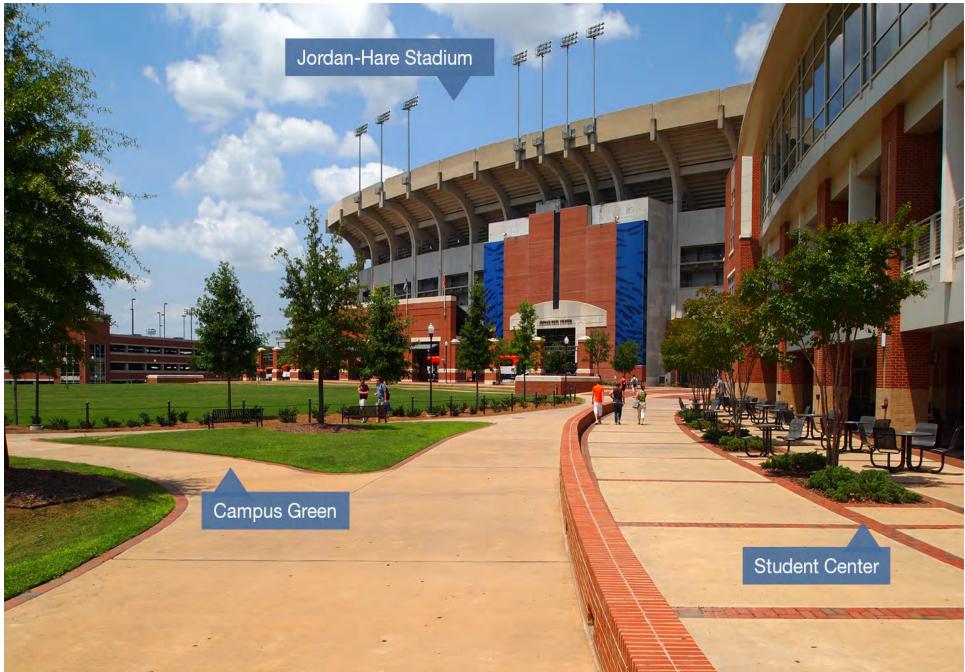




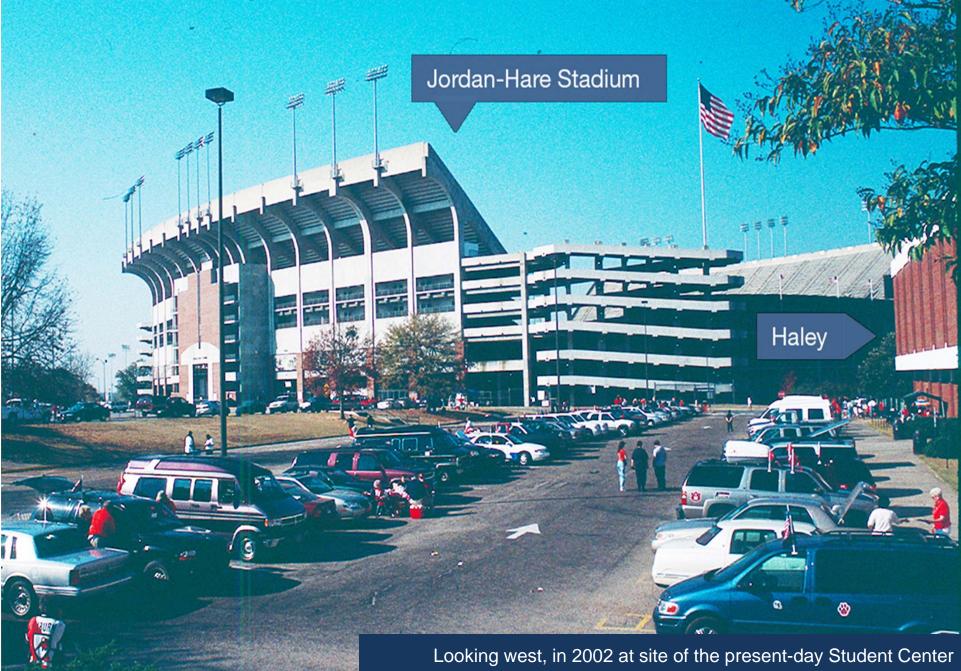
DISTRICTS Athletics, Recreation & College of Agriculture Proposed



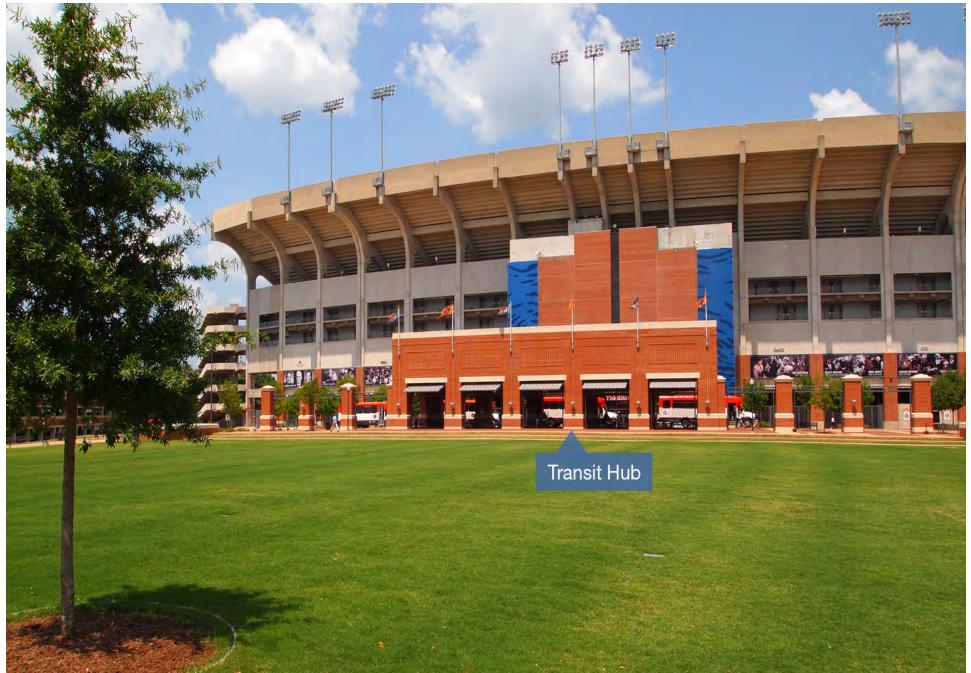
Auburn University Transit Hub 2012



Auburn University Stadium 2002



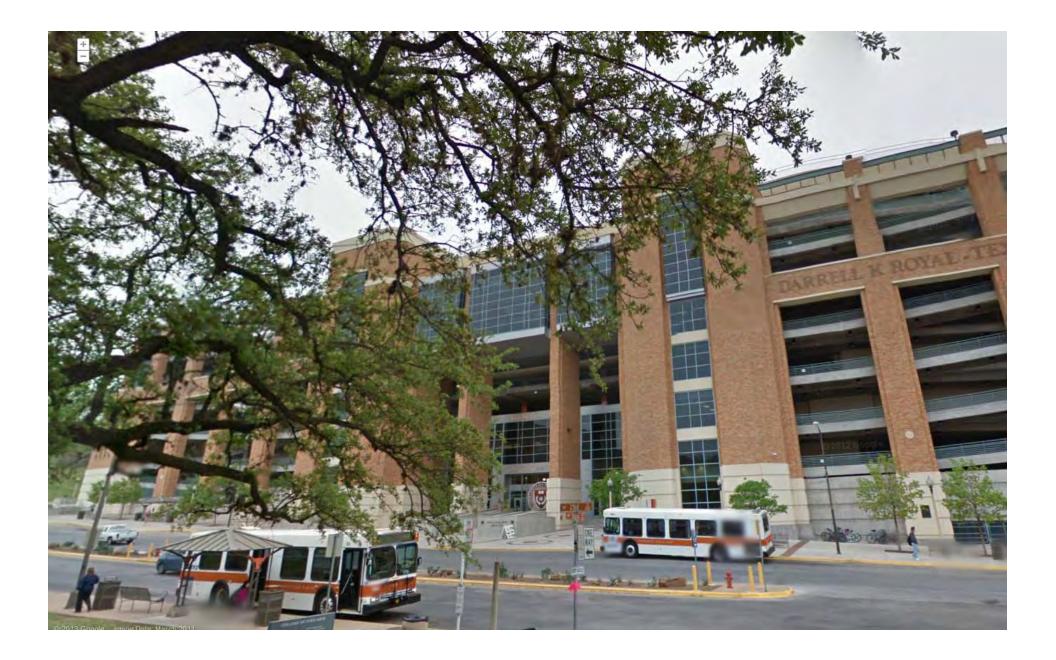
Auburn University Transit Hub 2012



Auburn University Stadium 2002



University of Texas at Austin Transit Hub



Commonwealth Stadium Existing



Commonwealth Stadium Transit Hub



Commonwealth Stadium Game Day



Greek Park

DISTRICTS Greek Park

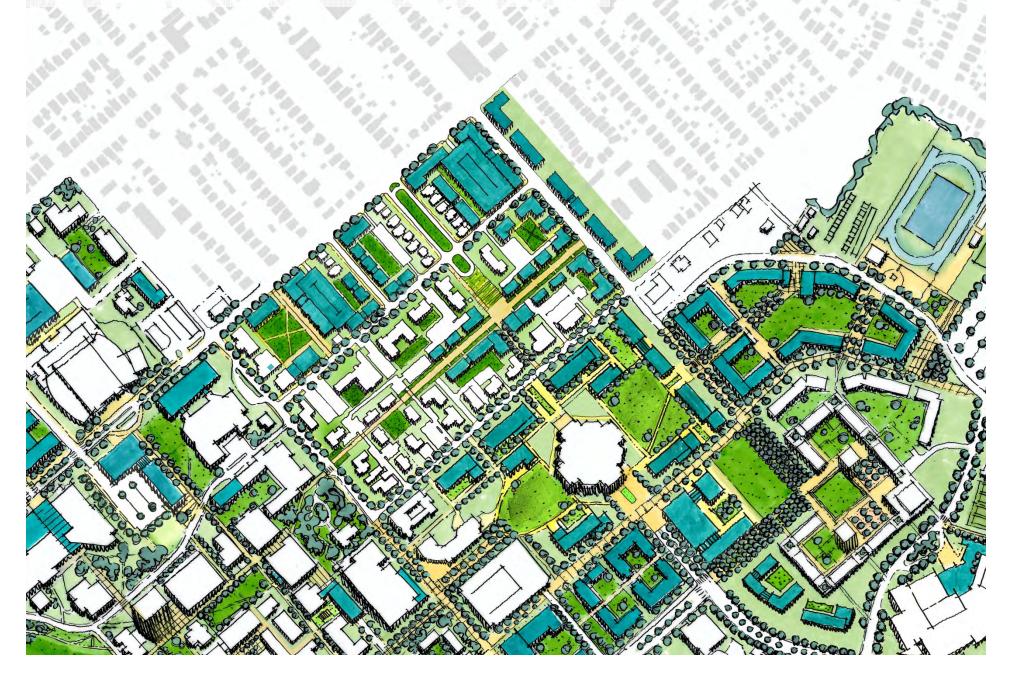
Goals

- Accommodate Greek housing needs and parking
- Create a strong district identity
- Accommodate compatible program elements
- Respond to adjacent neighborhoods sensitively

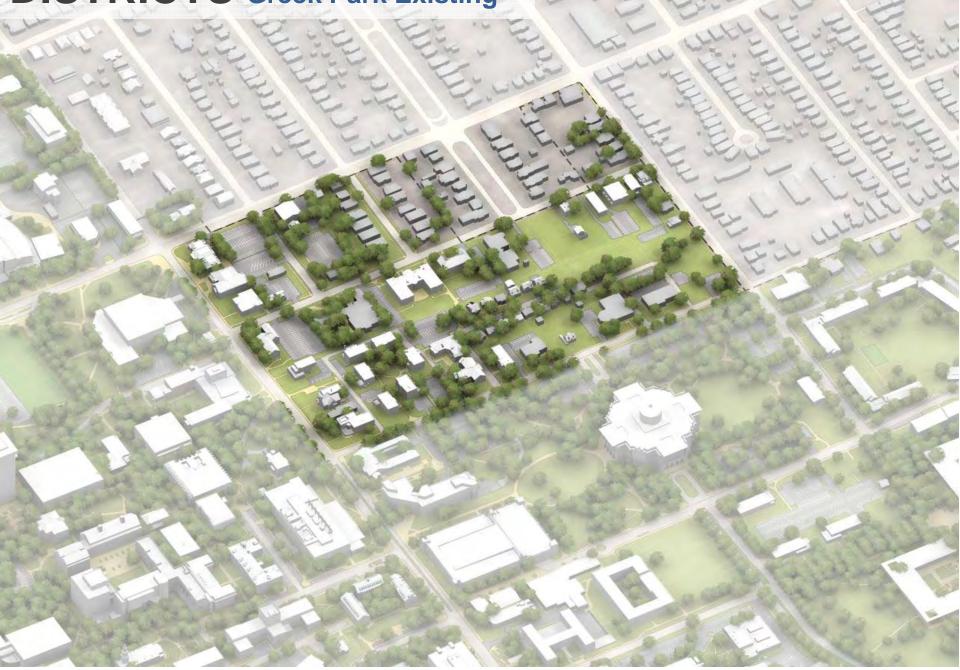
Strategies

- Identity sites for a range of Greek housing types that are economically viable
- Create identity with open space and common amenities
- Provide sufficient parking within the capacity of the district
- Establish uses and built-form that transition to adjacent neighborhoods

DISTRICTS Greek Park



DISTRICTS Greek Park Existing





Greek Park Pedestrian Spine



Transylvania Park Existing



Greek Park Infill



Greek Park Infill



Central Campus

DISTRICTS Central Campus

Goals

- Renew on-campus student housing and provide complementary amenities to foster student-life and living learning
- Integrate housing districts with the campus setting

Strategies

- Renew or replace existing student housing
- Develop a new south campus student commons
- Enhance physical and programmatic connections with housing districts
- Integrate student life within the learning environment

DISTRICTS Central Campus

HOUSING Kirwan-Blanding Options

Concept 1: Renovating Kirwan Blanding Complex 2,923 Beds



Concept 2A: Keeping the Kirwan Blanding Towers and Commons 3,089 Beds



Concept 2B: Demolishing Kirwan Blanding Complex 2,222 Beds



DISTRICTS Central Campus



DISTRICTS Central Campus

Student Housing

Academic Buildings

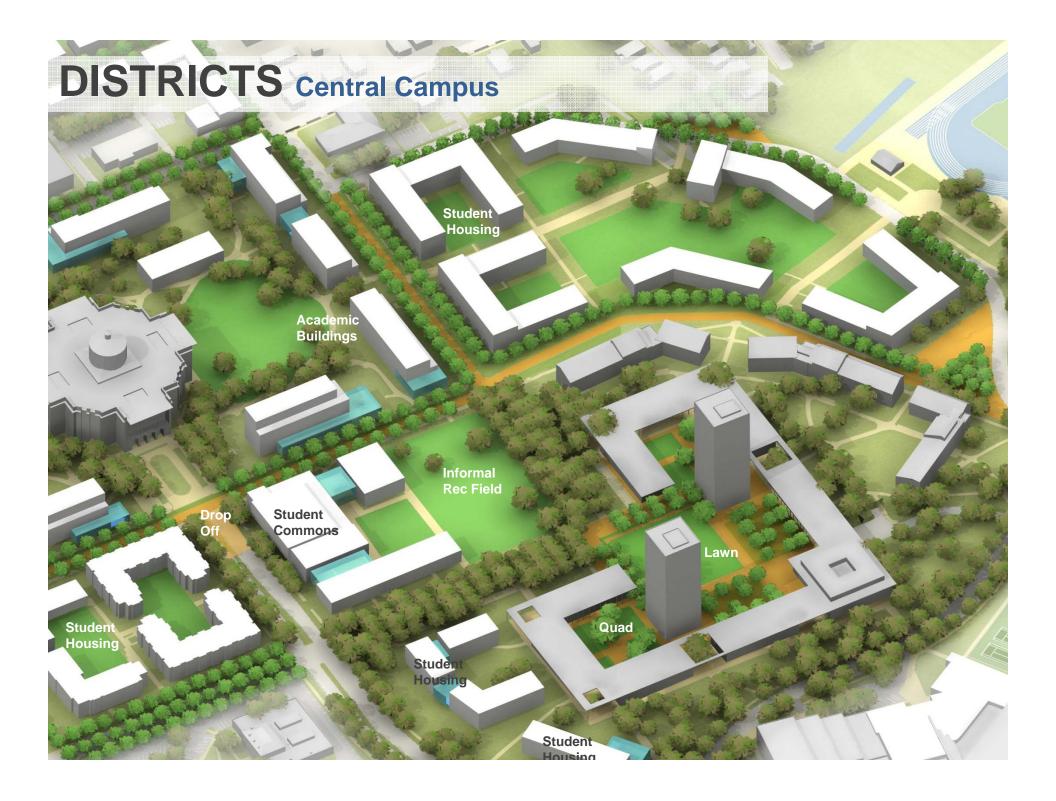
Drop Off

Academic Buildings

Student Commons

Student Housing

Academic Science Building Student Housing



DISTRICTS Central Campus

Student Commons

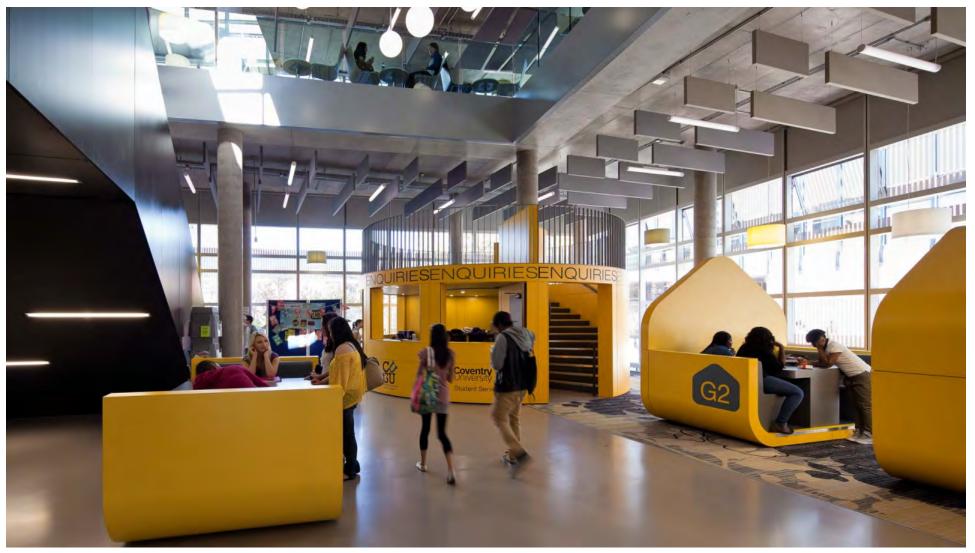
Overall Need

- Accommodation of residential dining, social and meeting space needs for South Campus
- Goal to create a South Campus living and learning environment to support student success, persistence and retention

Program

- 135,000 sq. ft., including 30,000 35,000 sq. ft. replacement space for existing South Campus dining venues
- "ultra high tech capability"
- Comfortable residential dining area
- Coffee shop, bakery and convenience store
- Meeting, group study and instruction rooms
- Social lounge space
- Small theater with movie, lecture and meeting capabilities

Social Learning



The HUB – Coventry University

Dining

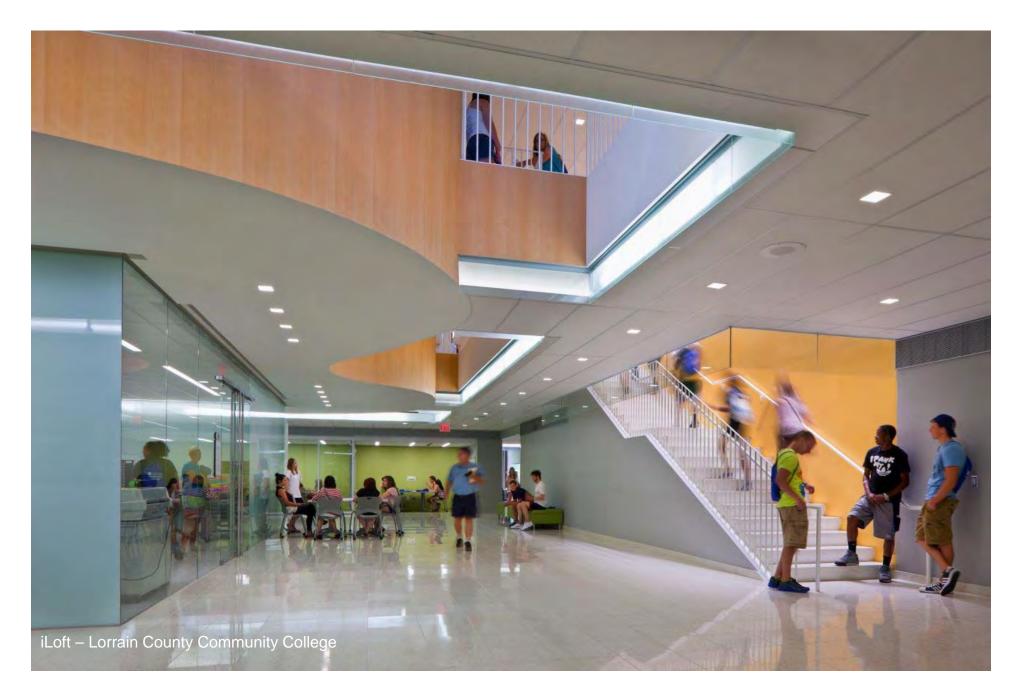


Social Learning

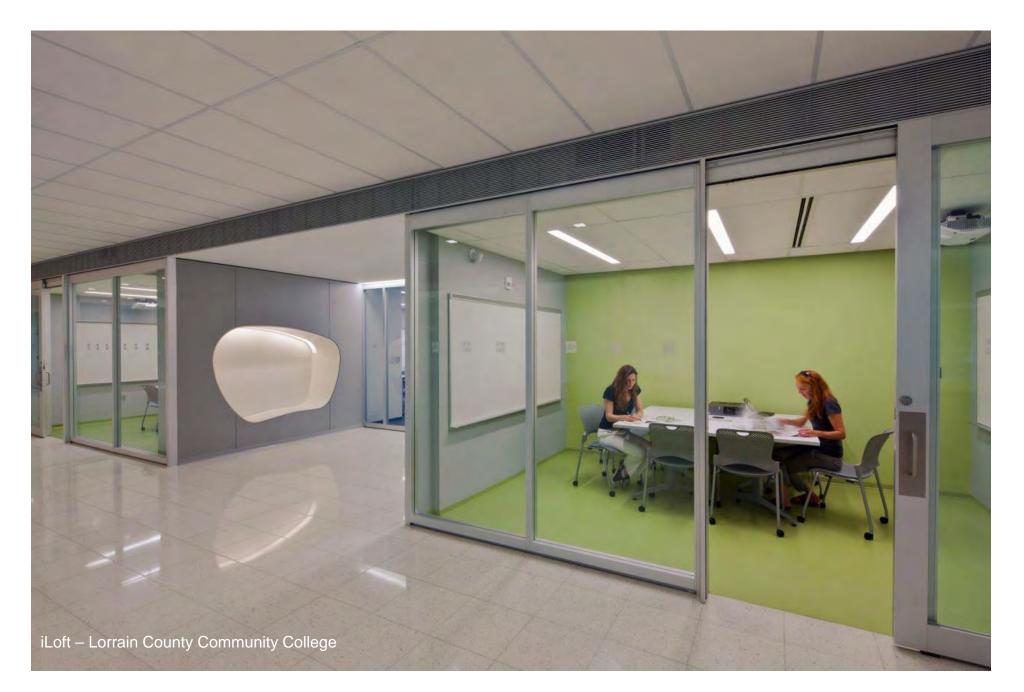


The HUB – Coventry University

Social Learning



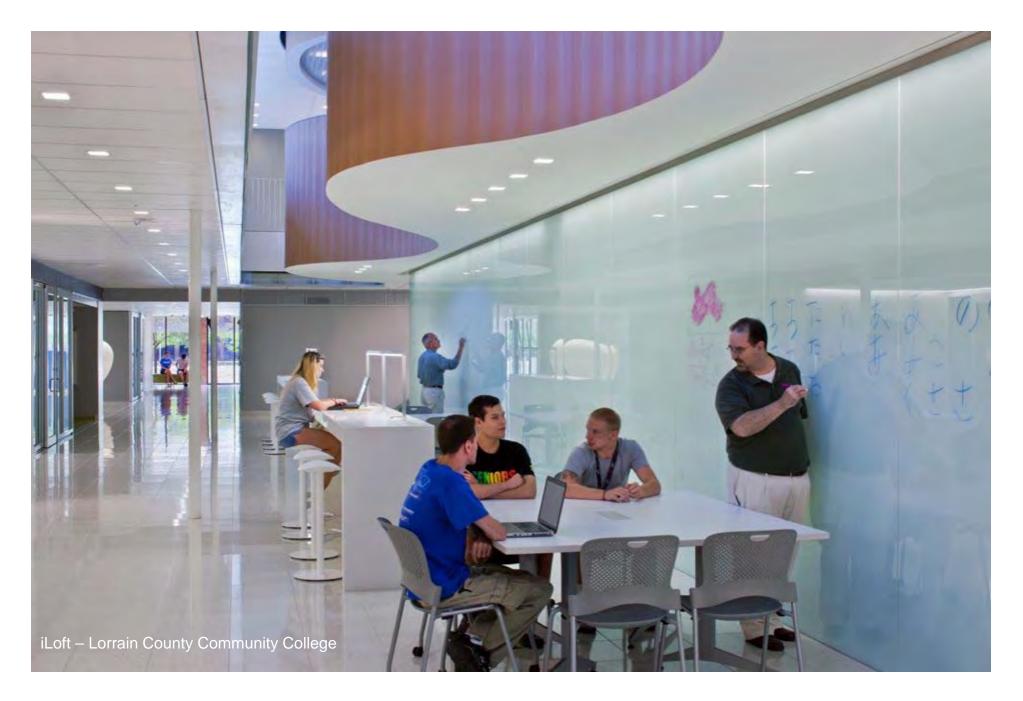
Places for Group Study



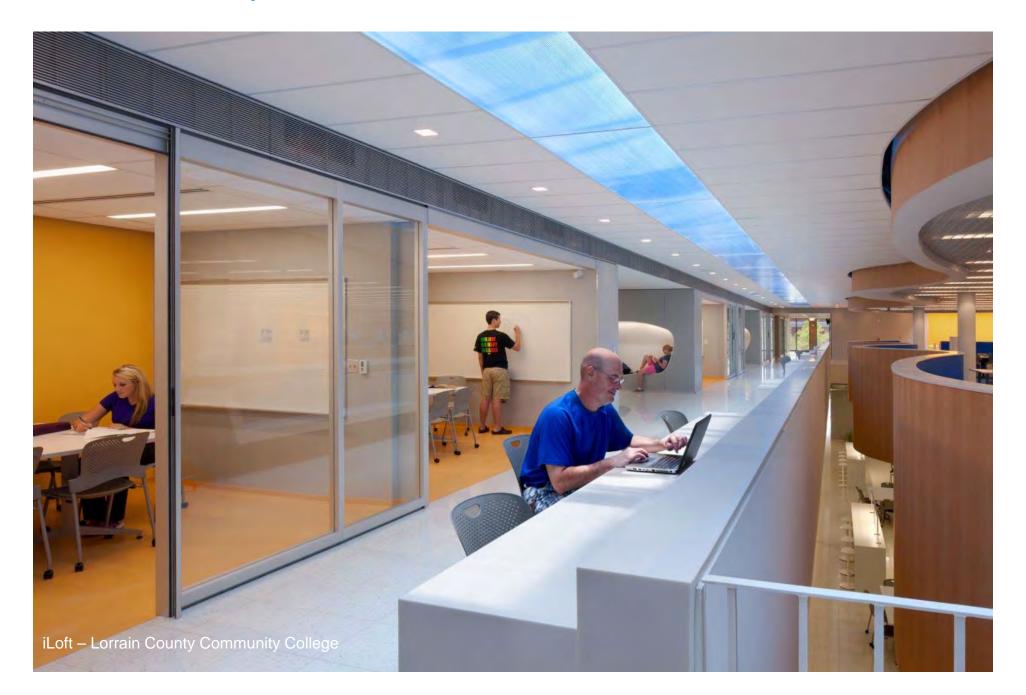
Places for Independent Study



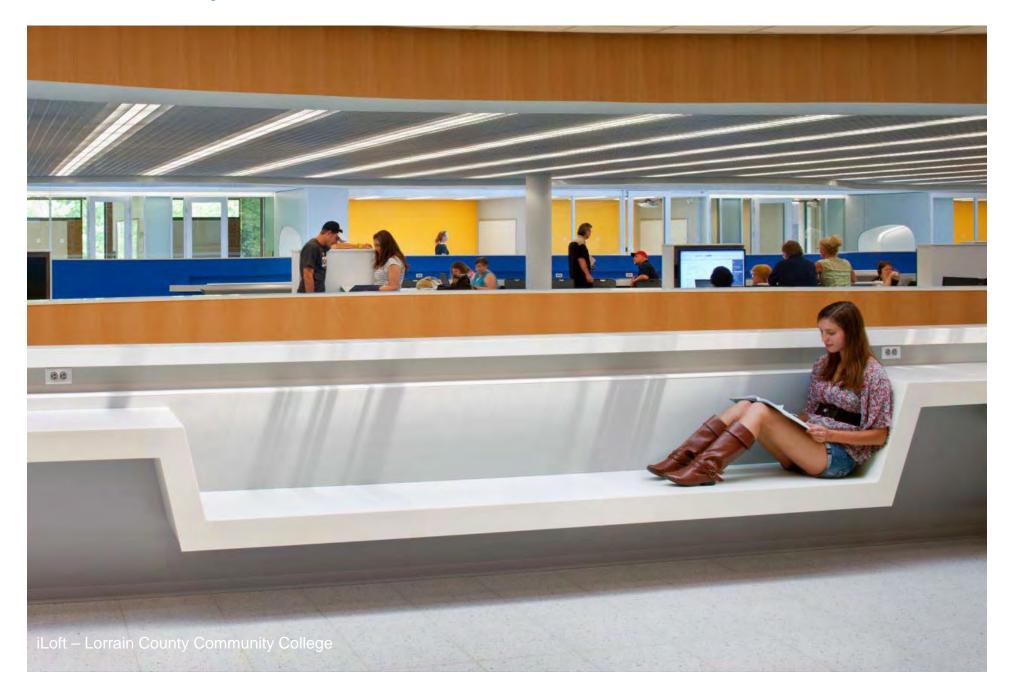
Places for Instruction



Places for Variety



Places for Inspiration



Places for Reflection



North Campus

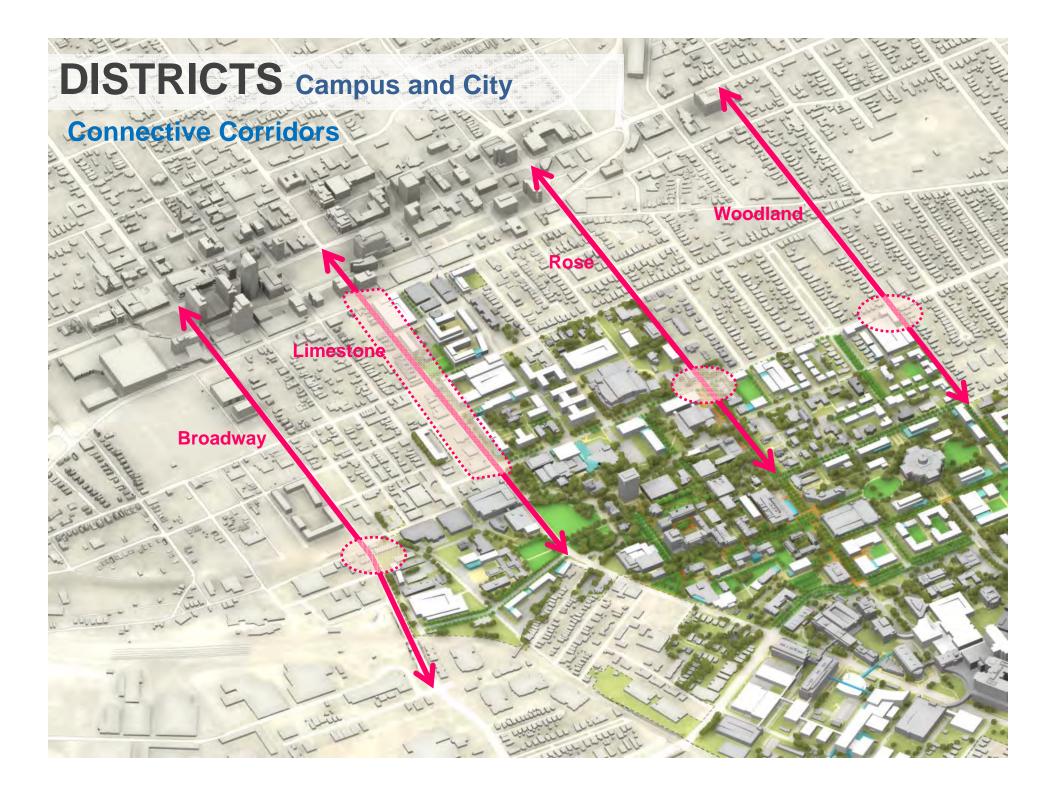
DISTRICTS North Campus

Goals

- Accommodate student housing and mixed-use development opportunities that can be supported by stakeholders
- Enhance connections between the campus and downtown
- Identify partnership opportunities
- Identify public realm improvements

Strategies

- Accommodate upper level and graduate housing within mixed-use developments
- Create a strong public realm framework for new development
- Build a new dining facility to serve student housing in the district
- Provide recreation opportunities



DISTRICTS North Campus



DISTRICTS North Campus Existing



