Belknap Campus Master Plan

Background

• HSC Master Plan - $2.3 b plan
  • Haymarket ⇔ UofL
  • Business plan for implementation
  • TIF
• ShelbyHurst
  • Master plan developed by consultants
  • Rejection of Business Plan by BOT
  • Start over – role of ULF

And now time
Belknap Campus Master Plan

- Nearly 15 years since last plan
- Pre Reform
- Much has changed
  - Focus on quality undergraduate education
    - Student recruitment
    - Campus life
    - Student successes
- Research
  - Funded
  - Translational
- Community
  - Good Neighbor
  - Engagement
Process

- Consultants
- Lots of discussion
  - Campus
  - Community
- Identify costs/business plan
  - Tie to financing model
  - TIF II
Ideas form the basis of the Plan

1. Illustrations convey concepts not solutions
2. Provides a future twenty year plus view of campus
3. Every project needs to support and contribute to the overall campus
4. Deals with the physical campus – no space assignments or calculations
5. Offers a coordinated and comprehensive perspective
6. Building projects need to include site improvements as well
## Anticipated Belknap Campus Space Target

**Kentucky Postsecondary Education System**  
**Facility Condition and Space Study, 2007**

<table>
<thead>
<tr>
<th>Category</th>
<th>Space (gsf)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Existing Space</td>
<td>2,480,000</td>
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<tr>
<td>Master Plan Space Target</td>
<td>3,030,860</td>
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<tr>
<td>2020 Space Need Projection</td>
<td>4,112,434</td>
</tr>
<tr>
<td>New Planned Space Health Science (excluding patient care)</td>
<td>-1,487,000</td>
</tr>
<tr>
<td>Space added since 2007 study</td>
<td>-260,074</td>
</tr>
<tr>
<td>(Belknap Research, Library Addition, Cressman Center, and Cardiovascular Innovation Institute)</td>
<td></td>
</tr>
<tr>
<td>Existing buildings to be taken off line</td>
<td>+665,500</td>
</tr>
<tr>
<td><strong>Total 2009 Master Plan Space Target</strong></td>
<td><strong>5,510,850</strong></td>
</tr>
<tr>
<td>(existing and proposed space)</td>
<td></td>
</tr>
</tbody>
</table>

*Figures do not include auxiliary enterprises - parking, athletics, or housing*
Achieving Future Space Needs

1. Off Campus Acquisition and Development
2. Increase Core Efficiencies
   - Increase building size
   - Position buildings more efficiently
   - Utilize parking decks/increase transit
   - Remove inefficient buildings
North Campus
Acquisition 45.3 acres

Scholar House #2
Deck
Sustainability Area
North Campus
Environmental Health & Storage
Acquisition 45.3 acres
North Campus
Academic Fine Arts Area

I-5 Entry
Service Center
Hill St Entry
Sustainable Area
Scholar House 2

Performing Arts
University Sponsored
Private Housing

Manual High School

Railroad

UofL Belknap Campus Master Plan Update
THE CAMPUS STUDIO Rowland Design JRA Architects Staggs & Fisher Gordon Garner
West Campus - West of 3rd St

- 3rd St
- 4th St
- Johnson
- 4th St
- Kurz
- Chevron Property
- Provence Development
- CSX Railroad

West Campus - West of 3rd St
East Campus - South of Hahn St
East Campus - South of Hahn
Special Use Area

Academic/Office/Research
Total 373,300 gsf

Parking 1,130 spaces
+1,050 deck spaces
+ 80 surface spaces

Acreage +16.8 acres

This site is well suited for nano research activities
Athletic and Recreation Areas - North and South of Central Ave
Athletic Area - North of Central Ave
Recreation Area - South of Central Ave

- Softball Field (1)
- Multiple Use Fields (4)
- Walking / Biking trail (.7 mile)
- Storage / Restroom Building
- Acquire 20 acres
South Campus / Nucleus South - Former Kentucky Trailer
South Campus / Nucleus South
Mixed Use Area

Tunnel
Overpass
Grade Entry

Academic Research
7 buildings

Office Incubator
5 buildings

Retail
3 buildings

Academic/Research

Incubator/Office

Major Entrance
M St

Alternative Entrance
Retail

7 buildings
3 buildings
5 buildings

UofL Belknap Campus Master Plan Update THE CAMPUS STUDIO Rowland Design JRA Architects Staggs & Fisher Gordon Garner
# Campus Expansion Summary

*Not included in capacity figures*

<table>
<thead>
<tr>
<th>Location</th>
<th>Acquisition</th>
<th>Uses</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>1 North Campus</strong></td>
<td>acres</td>
<td>1,034,000 Academic Support/Service</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Performing Arts</td>
</tr>
<tr>
<td><strong>2 West Campus</strong></td>
<td>23.26 acres</td>
<td>444,000 Academic/Housing</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Rec Ctr/Student Office</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Retail*</td>
</tr>
<tr>
<td><strong>3 East Campus</strong></td>
<td>18.06 acres</td>
<td>315,000 Special Use</td>
</tr>
<tr>
<td><strong>4 South Campus</strong></td>
<td></td>
<td><strong>652,000 Academic/R</strong></td>
</tr>
<tr>
<td>Former Kentucky Trailer</td>
<td></td>
<td>Office/Incubator*</td>
</tr>
<tr>
<td>3rd St Residential</td>
<td>Owned by UofL Foundation 2.55 acres</td>
<td>Retail*</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Residential*</td>
</tr>
<tr>
<td><strong>5 Athletic Facilities</strong></td>
<td>acres</td>
<td><strong>90,000</strong> Office*</td>
</tr>
<tr>
<td>Recreation Facilities</td>
<td>32.33 acres</td>
<td>Event Parking*</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Fields/Stadium*</td>
</tr>
<tr>
<td><strong>6 Main Campus</strong></td>
<td>19.94 acres</td>
<td><strong>1,150,000 General</strong></td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>141.44 acres</td>
<td><strong>3,595,000 gsf Increase</strong></td>
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Building Evaluation

Removals (14)

- A Crawford Gym
- B Service Complex
- C Studio Arts/HPES
- D Student Health & Counseling
- E Parkway Field House
- F Ernst Hall
- G Cultural Center
- H Engineering Graphics
- I West Hall Delta Upsilon
- J Center Hall & Honors
- K Wellness House
- L Robbins Hall
- M Administration Annex
- N Patterson

Potential Removals (6)

- O Miller Hall
- P Schneider Hall
- Q McCandless Hall
- R Dougherty Hall
- S Baptist Student Ctr
- T Interfaith Center

- Remove
- Remove Potential Historic
- Consider Removal
- Remove Inefficient Site Use
Building Placement

1. Emphasize quadrangles where buildings relate to one another, define space and form neighborhoods.

2. Each building should contribute to the quality of the overall campus – not just provide additional space.

3. Most (90%) buildings on a university campus are background buildings.

4. Acknowledge and reinforce the campus grid.

Each district has its own character, yet together they form a unified campus setting.
Pedestrian Patterns

1. Maintain a walkable campus

2. Provide convenient, safe and attractive corridors

3. Link the multiple campuses with the central core

4. Create a discernable hierarchy of walkways which reinforce the campus layout

5. Make major pedestrian corridor visually unique
   - Width
   - Materials
   - Site Furnishings
   - Site Elements
   - Site Treatments

Major Corridor Treatment
Brandeis Corridor

1. Elevated walkway
2. Trees line street
3. Arrival kiosk
4. Center walk
5. East side deck entry
6. Single crossing
7. Conversion of street to walk
8. Terminates at Kurz Residence Hall

Museum Eating Area
Century Corridor

Terminates at Houchens and intersects Brook Corridor

1. Upgraded walk: width, materials, furnishings

2. Incorporate historic area

3. Screen library service dock

4. Add trees along walk

5. Visually Distinctive Pedestrian crossing
Improving Pedestrian Safety along Floyd St

1. Two travel lanes and a common center turn lane with bus pull-offs
2. Two in road bicycle lanes – one north and one south
3. Central median with a low ornamental fence
4. Tree planting on the median and along the street edges
5. Consolidate pedestrian crossing corridors (4)
6. Two traffic lights phased to allow travel speed of 25 mph

City input is required to achieve these recommendations
Open Space Components

1. Quadrangles
2. Courtyards
3. Plazas
4. Linear Corridors/Parks
5. Discovery Places
6. Campus Arrivals and Gateways
7. Screens and Buffers
8. Nature Preserves
9. Stormwater Areas
10. Athletic and Recreation Areas and Fields
Sustainability and the Master Plan

Targets and Recommendations

1. Energy & Climate
2. Buildings
3. Land Use
4. Grounds
5. Storm/Surface Water
6. Transportation & Parking
Alternative Transportation
Growing Opportunity

1. Walking from campus housing
2. Car pooling
3. Shuttle bus utilization
4. Public transit
5. Bicycle utilization
6. Parking deck program
Interfacing with the Regional Network

Major points of interface

To the East  Eastern Parkway
To the West  M Street / 7th and Algonquin
To the North  3rd St

Red  Interstate
Blue  Municipal
Green  Bicycle System
Dashed Purple
Parking Fundamentals

• Continue shuttle service from stadium
• Surface parking lots are future building zones
• Instigate a core area deck parking system
• Visitors park in core area decks - assume a 5 minute maximum walk to major destinations
Next Steps

1. Need your approval of the concept
2. Develop a phased implementation plan; estimating costs and identifying source of funds
## Next Steps

<table>
<thead>
<tr>
<th>Project</th>
<th>Cost</th>
<th>Source of Funds</th>
</tr>
</thead>
<tbody>
<tr>
<td>New Classroom Building</td>
<td>$75,000,000</td>
<td>State request</td>
</tr>
<tr>
<td>Renovate Natural Science Building</td>
<td>$20,445,000</td>
<td>State requests</td>
</tr>
<tr>
<td>Center Place – Fountain &amp; Library Plaza</td>
<td>$5,700,000</td>
<td>Capital Campaign</td>
</tr>
<tr>
<td>Construct – Westside Student Recreation &amp; Student Services Center</td>
<td>$37,000,000</td>
<td>State Bonds</td>
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<tr>
<td>Floyd Street Pedestrian Improvements</td>
<td>$3,100,000</td>
<td>Transportation Cabinet</td>
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<tr>
<td>NUCLEUS South Road &amp; Pedistrian Improvements</td>
<td>$3,600,000</td>
<td>Foundation</td>
</tr>
<tr>
<td>Freedom Park Master Plan implementation</td>
<td>$2,500,000</td>
<td>Capital Campaign</td>
</tr>
<tr>
<td>University Corridor Study recommendations &amp; implementation</td>
<td></td>
<td>City</td>
</tr>
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</table>
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<tr>
<th>Project</th>
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<th>Source of Funds</th>
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<tbody>
<tr>
<td>I-65 Corridor Improvements by KyTC</td>
<td>$68,000,000</td>
<td>Federal</td>
</tr>
<tr>
<td>Rename streets to advance collegiate identity</td>
<td>$150,000</td>
<td>University</td>
</tr>
<tr>
<td>Storm &amp; surface water improvements</td>
<td>$23,230,000</td>
<td>MSD FEMA</td>
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<tr>
<td>Implement signage &amp; wayfinding improvements</td>
<td>$1,200,000</td>
<td>Transportation Cabinet</td>
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<tr>
<td>Stansbury Park Master Plan implementation</td>
<td>$13,100,000</td>
<td>Transportation Cabinet Capital Campaign</td>
</tr>
<tr>
<td>Third Street frontage improvements</td>
<td>$1,950,000</td>
<td>Transportation Cabinet Capital Campaign City</td>
</tr>
<tr>
<td>Construct soccer stadium and stadium priority parking at Floyd Street</td>
<td>$26,553,000</td>
<td>Athletics</td>
</tr>
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