

# Science and Technology Gateway

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***“Connecting the University’s historic  
land grant mission to its continuing  
work in solving complex world  
problems.”***



- **Methodology**
- **Urban design analysis**
- **Improvement areas**
- **Closing**



# “ONE

# University”

-Framework 1.0





# Guiding Principles

**1. Connectivity**

**2.  
Improving  
Streets**

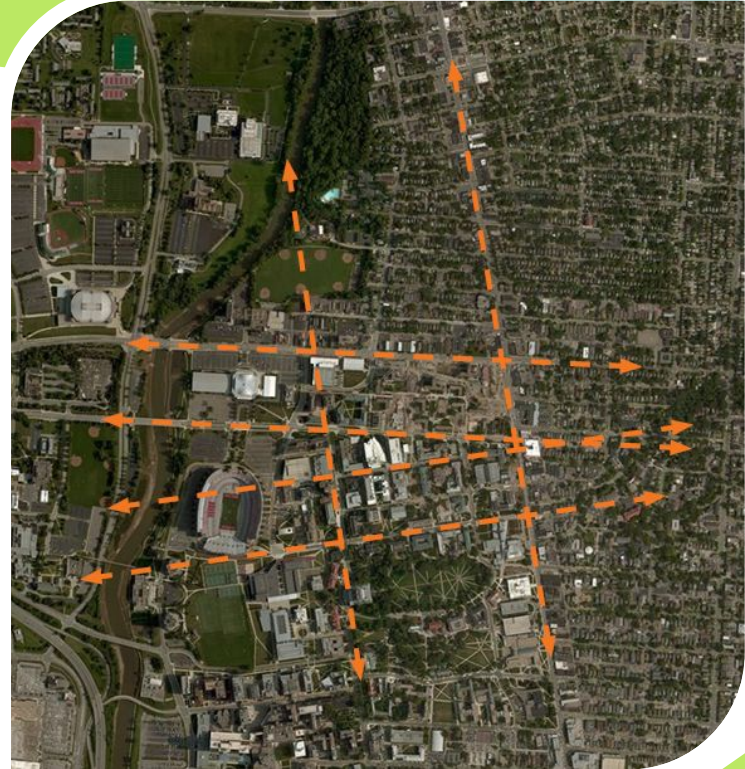
**3. Open Space**

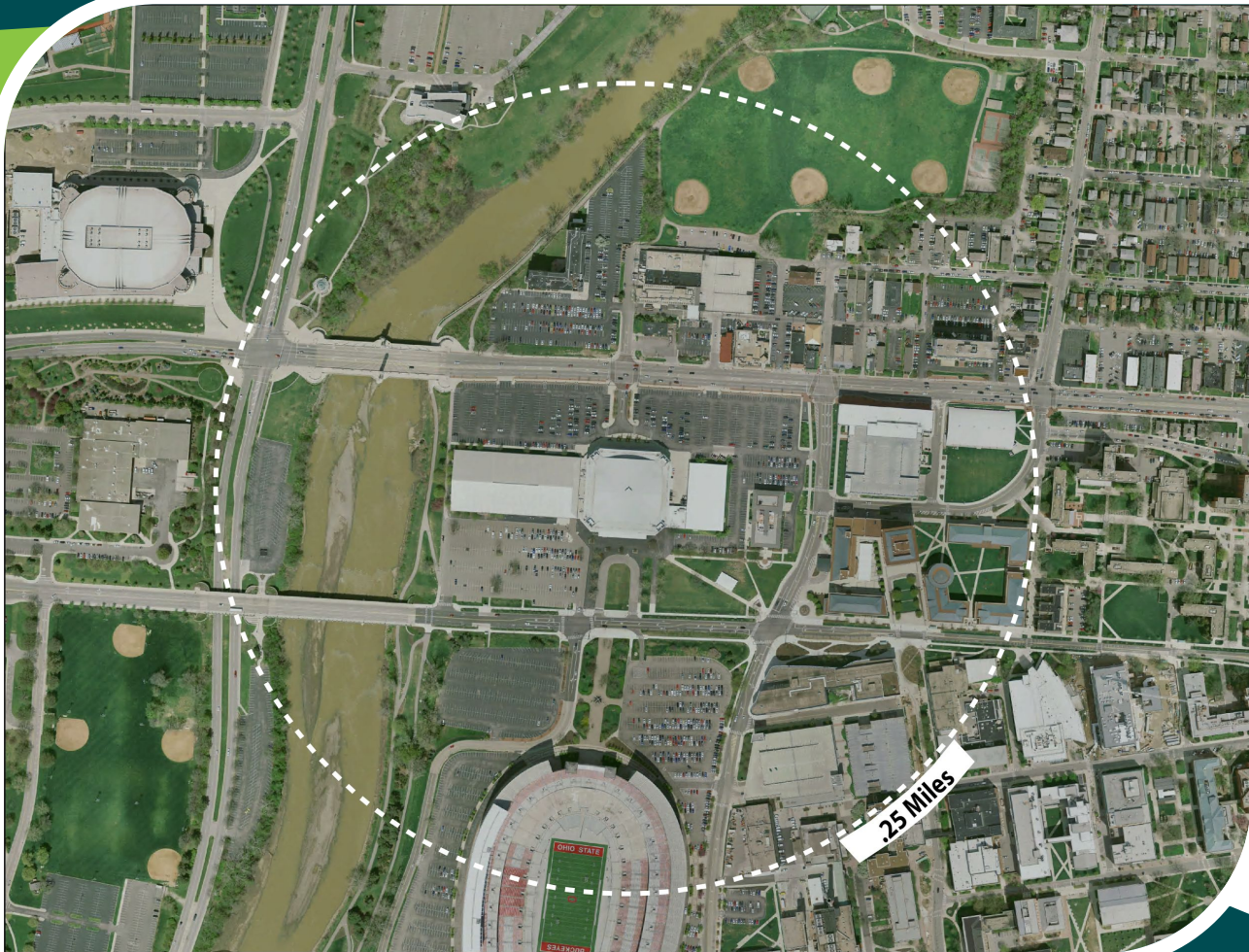


# Project Area + Context

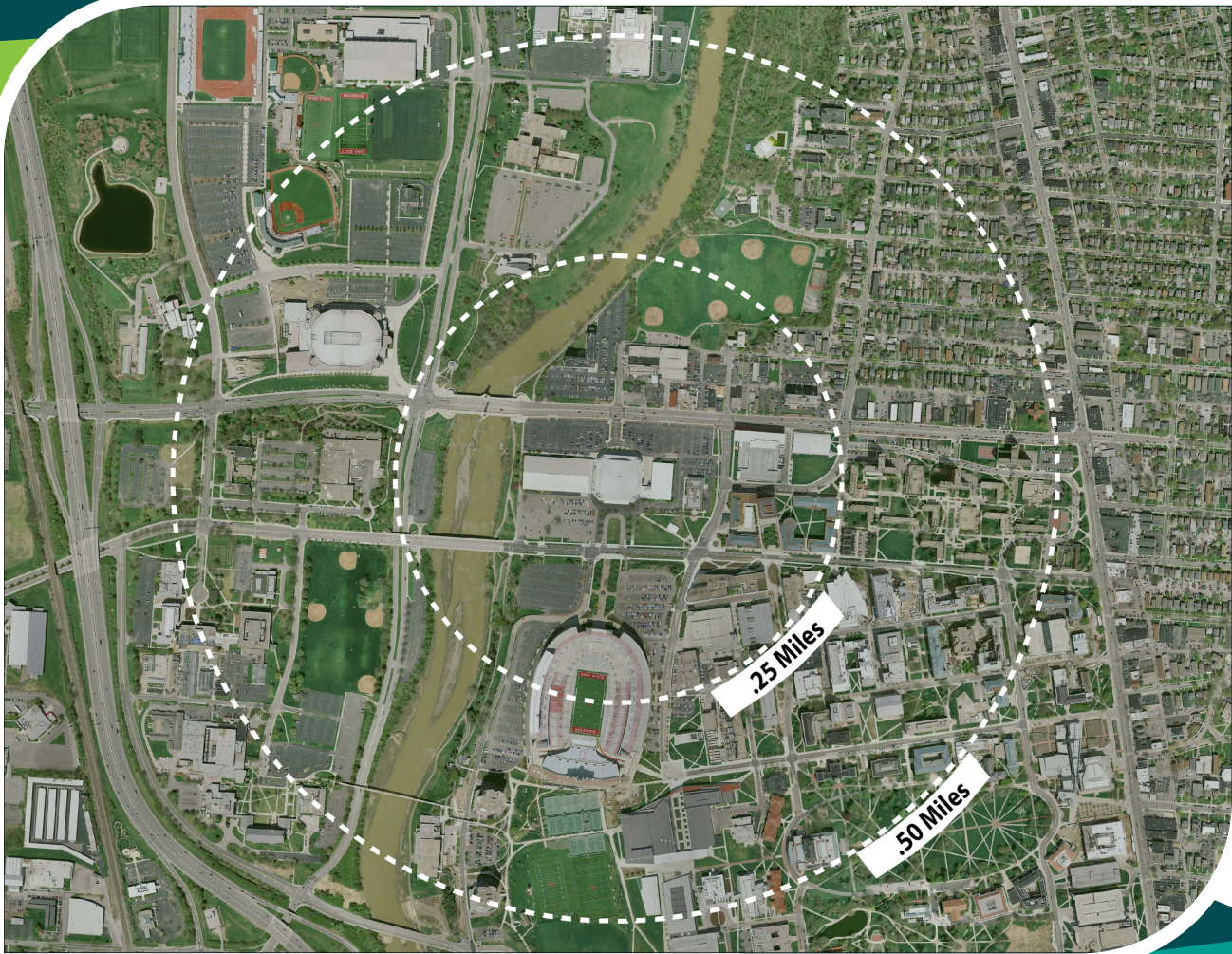
The site spans from Olentangy River to Tuttle Park, West to East, and Lane Avenue to Woody Hayes, North to South...

...but its programming requires a greater context.

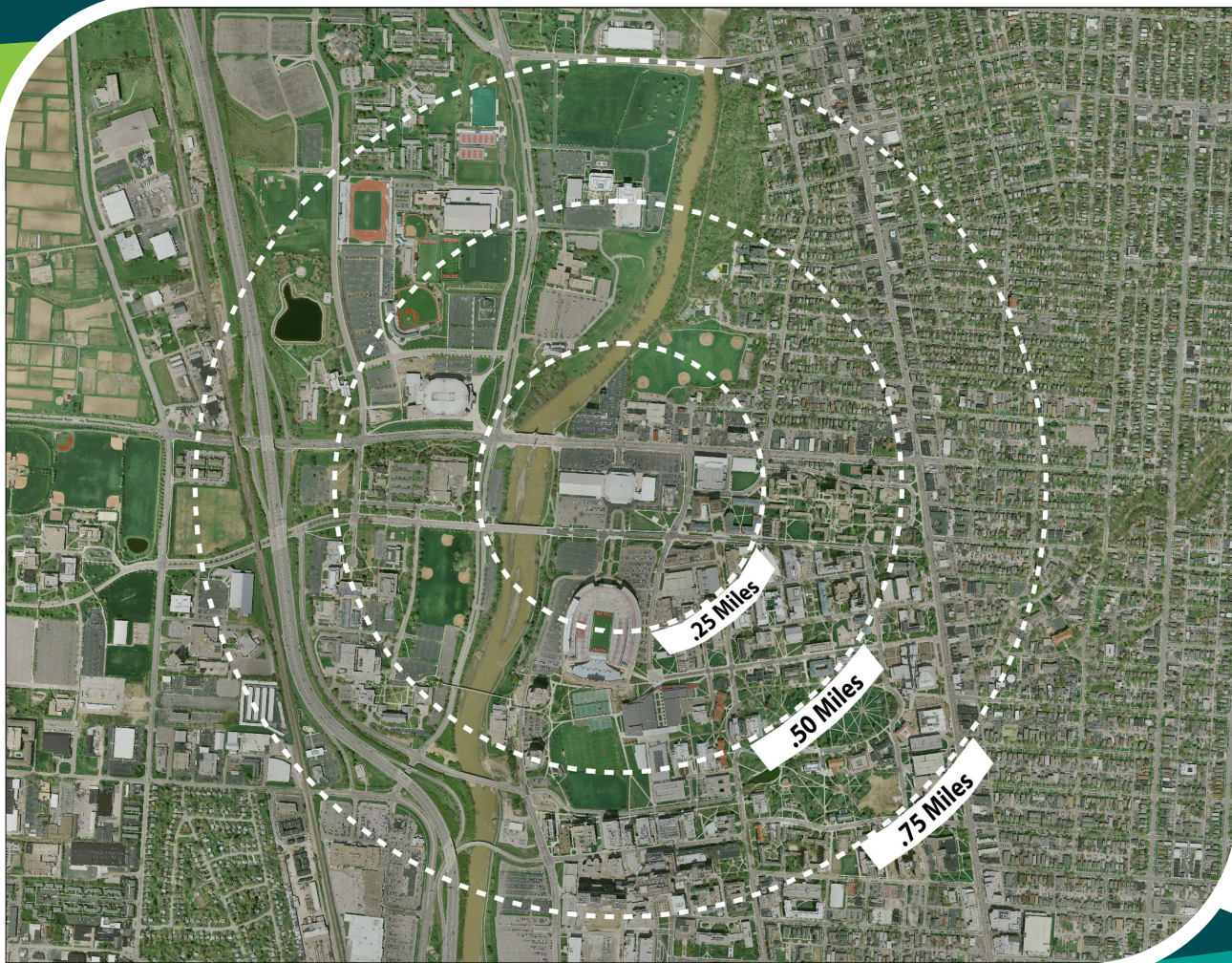












# 1. METHODOLOGY



# Surveying the Site

The team divided the site into four quadrants and rotated in groups to gather photos and vary perspective regarding current and existing conditions.

- 1 Southeast
- 2 Southwest
- 3 Northwest
- 4 Northeast



# 2. MEASURING SUCCESS

Key findings and urban design analysis





# Northeast QUAD (ROTC)



## Opportunities:

- Remembrance Park, monuments, and sense of history
- The river and pathway connects pedestrians to nature



## Challenges:

- Pedestrian experience on Lane Avenue feels dangerous
- Majority of the plot consists of parking lots



# Northwest QUAD (TRACK)



## Opportunities:

- Monumental Lane Avenue bridge offers connection between East and West
- Access to newly restored Olentangy River



## Challenges:

- Loud and dark covered alley to walk through
- The parking lot on one side and passing traffic on the other side, with few trees
- Trash around river on west side of property
- Little greenery around French Field House



# Southwest QUAD (TAILGATE RIVER)



## ✓ Opportunities:

- Nice connection to agricultural campus and West campus
- Landscaping separates road and sidewalk

## ✗ Challenges:

- Sewage sometimes overflows into river
- No street lights or emergency light on the Olentangy trail
- Large amount of surface lots



# Southeast QUAD (TAILGATE, KNOWLTON)



## Opportunities:

- The pathway towards the stadium utilizes nature to create a barrier from the parking lots for a sense of limits



## Challenges:

- Extreme sidewalk setback and wide streets
- Surface lots, surface lots, surface lots



# 3. IMPROVEMENT AREAS



# Elephant in the Room

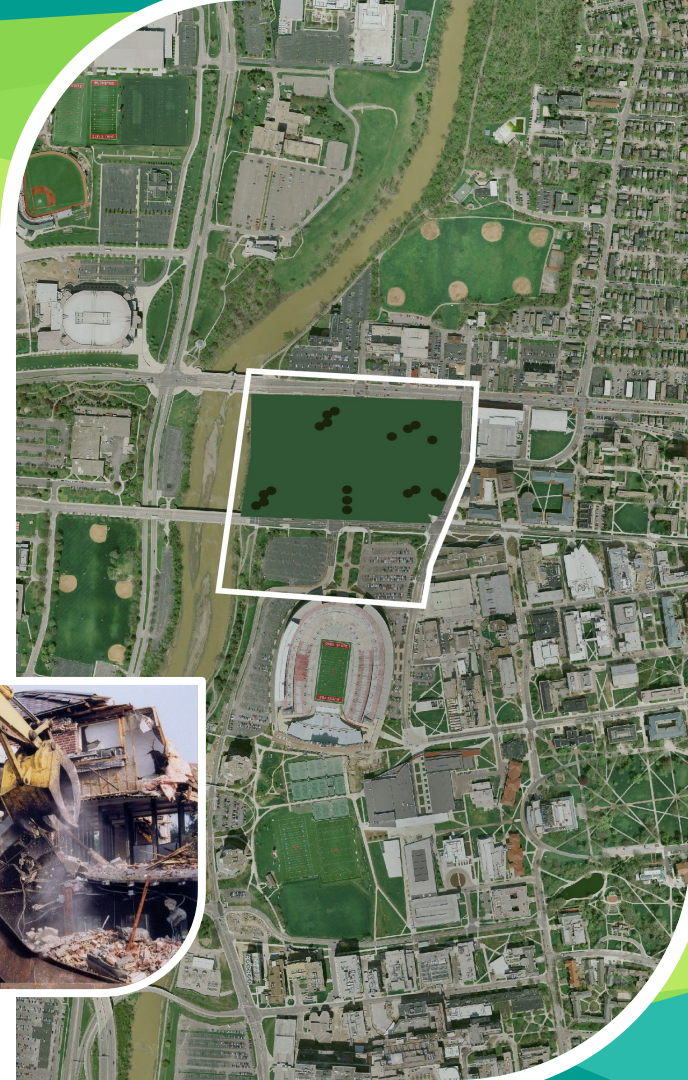
- Remove St John Arena, ROTC and French Fieldhouse





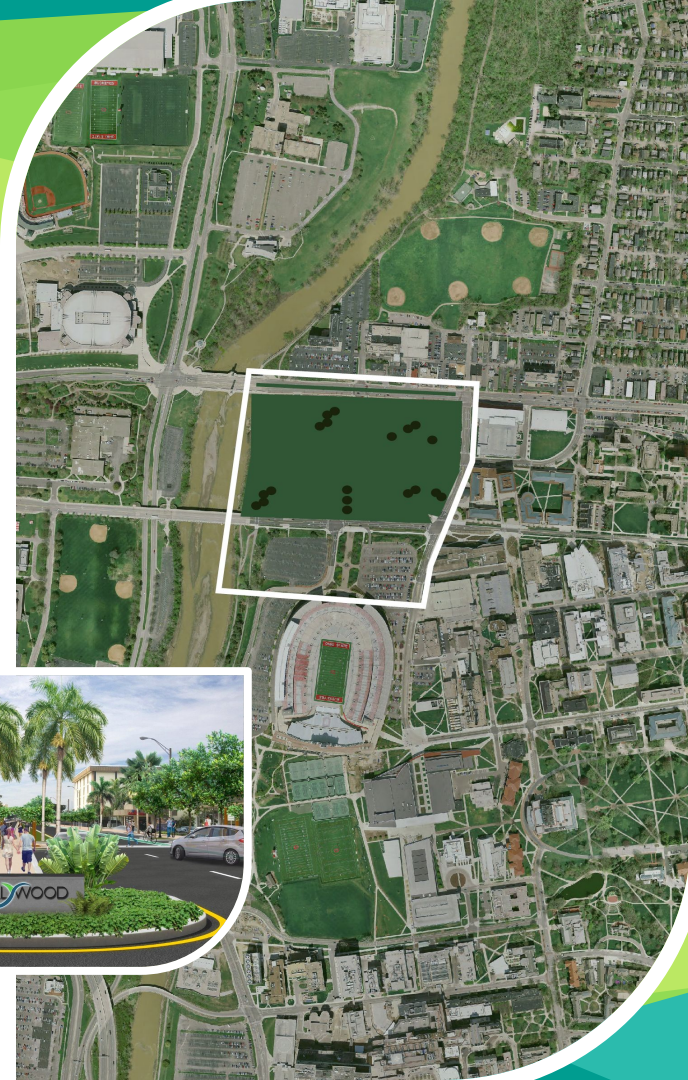
# Elephant in the Room

- Remove St John Arena, ROTC and French Fieldhouse
- Remove surface parking north of Woody Hayes Dr., west of Tuttle Park Pl.



# Beautify Lane Avenue

- Continue to make this the grand entrance to our campus
  - Introduce streetscape - street trees, boulevard, gateway monuments, lighting, street furniture, surface treatments
  - Doubles as a science and technology gateway





# Reroute Cannon Drive

- Extending Cannon Drive to Lane Avenue, connecting North and South campus
- Will become a Boulevard connecting it to Olentangy River Rd., via Perry St.
- Pass under Woody Hayes Dr.



# Rethink Woody Hayes

- Join existing street grids
- Remove Neil Avenue, extend North Campus pedestrian thoroughfare West to the river
- Convert Woody Hayes Drive into a complete street
  - Bike lanes on both sides
  - Keep wide pedestrian paths





# Complete FW 1.0

- Bring the College of Food, Agricultural and Environmental Sciences
- Introduce parking structures



# 4. Closing Suggestions

Final Remarks



# Closing

**1. Connectivity**

**2.  
Improving  
Streets**

**3. Open Space**



# Connection

- Connecting Cannon Drive, extension/bridge via Perry St. to Olentangy River Rd.
- Connecting the Lane Avenue bridge to rest of campus
- Bringing the School of FABE to the academic core
- Replacing existing roadways with pedestrian routes



[illegible]

# Improving Streets

- Introduce streetscape and create complete streets
- Reduce setback of buildings along external, peripheral roadways
- Increase setbacks along internal, pedestrian routes





# A Lovelier Lane Avenue



# Open Space

- Preserve open vistas and spaces, create microenvironments through courtyards, etc.
- Make a more walkable and safe environment within academic core



# A Beautified Woody Hayes Drive





# Thanks!

Any questions?

