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