

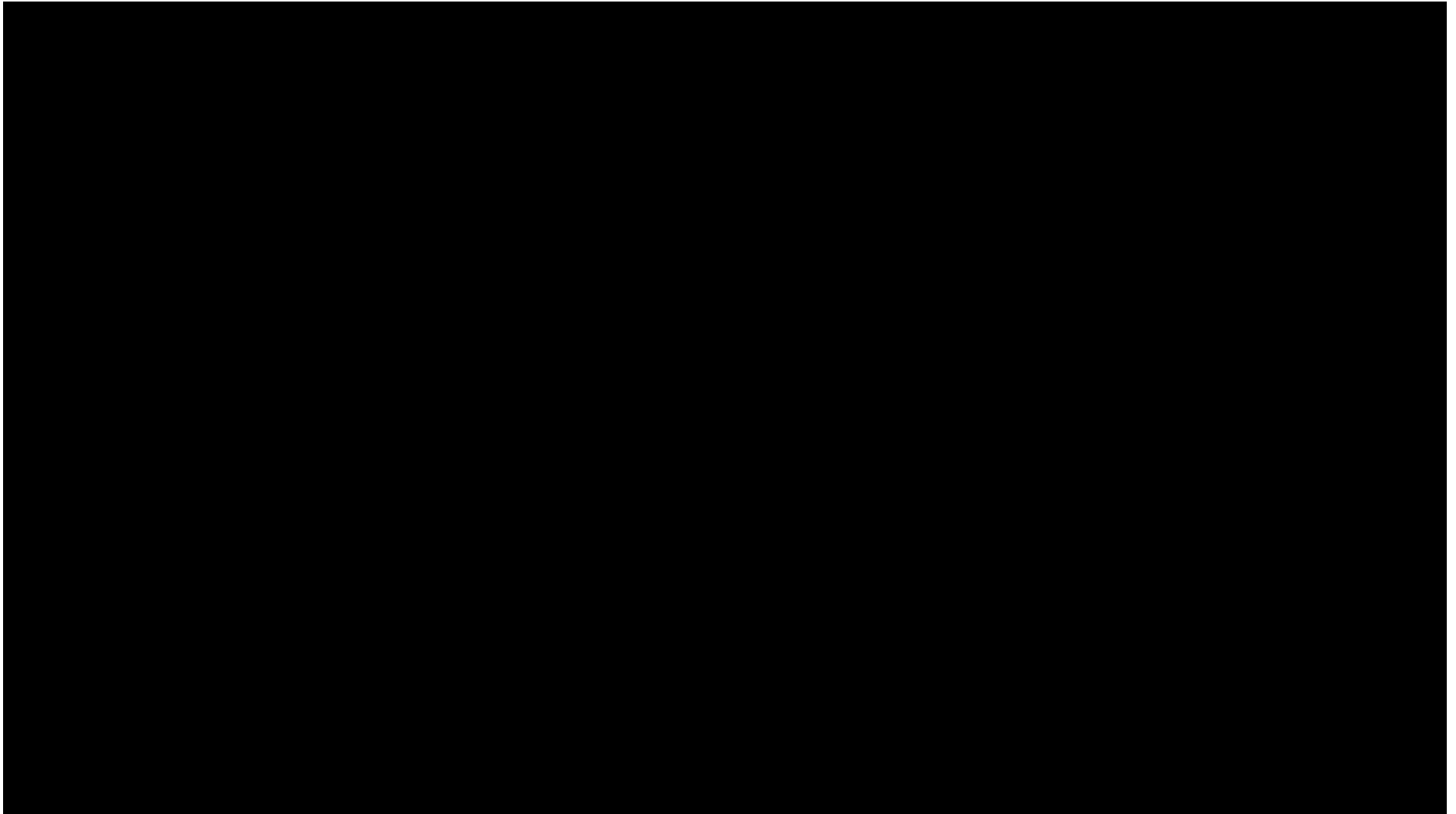
ATHENS STREETCAR STUDY

Athens-Clarke County, Georgia



John F. (Jack) Crowley,
PhD. FAICP, FASLA
Manasi Parkhi,
PhD Nell Warnes,
MUPD

ATHENS RAIL LINE



BACKGROUND

An unused railroad line runs through Athens, Georgia.

Streetcar service running in this right-of-way would connect:

- Downtown Athens

- UGA's Sanford Stadium

- Residential areas

- Centers of employment

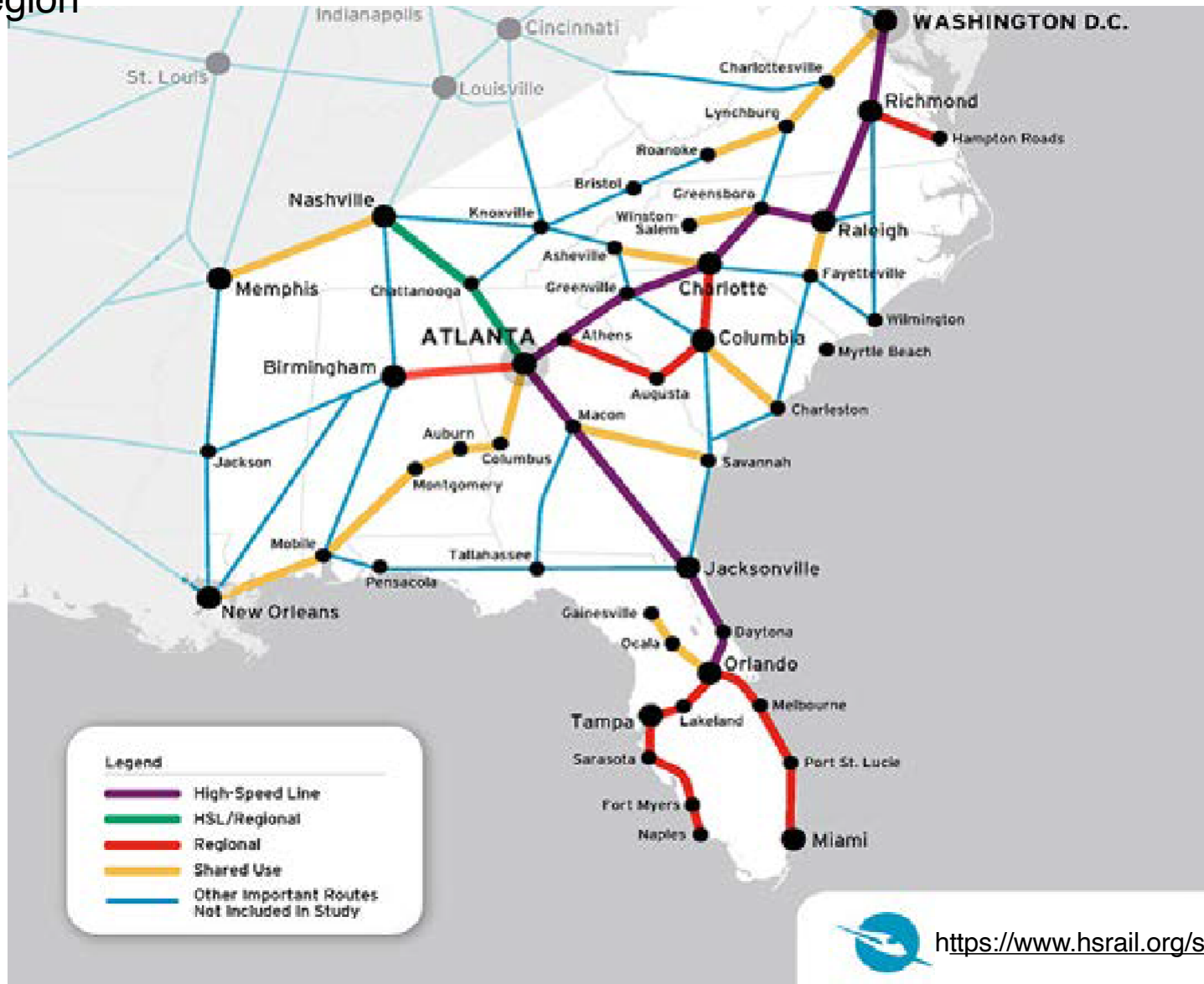
- Outlying parking

- Planned Atlanta-Charlotte High Speed Rail service

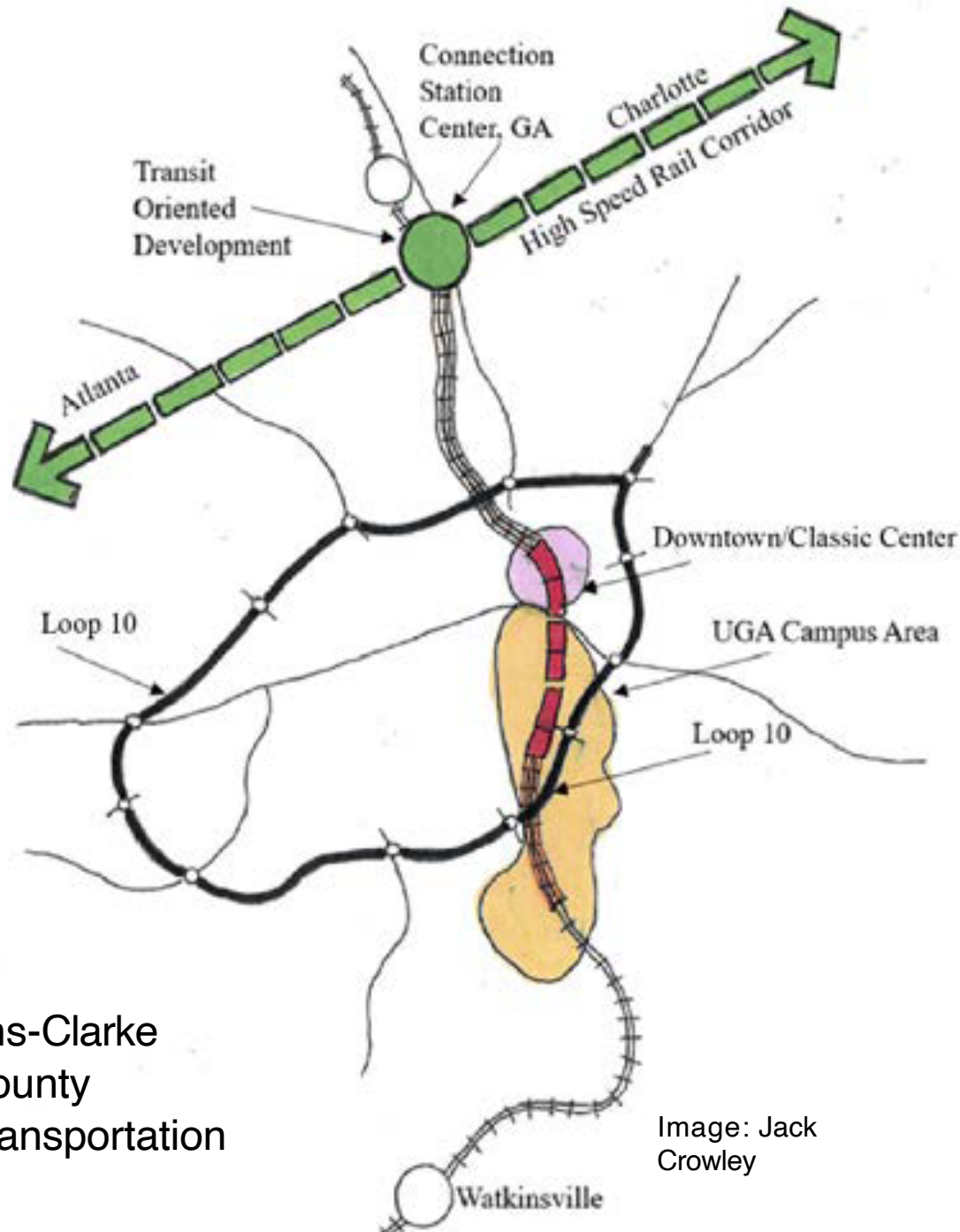
Dr. Manasi Parkhi's doctoral research showed that the service is feasible based on predicted ridership.

REGIONAL CONTEXT

Federal Railroad Administration Plan for Passenger Rail in the Southeast Region



REGIONAL CONTEXT



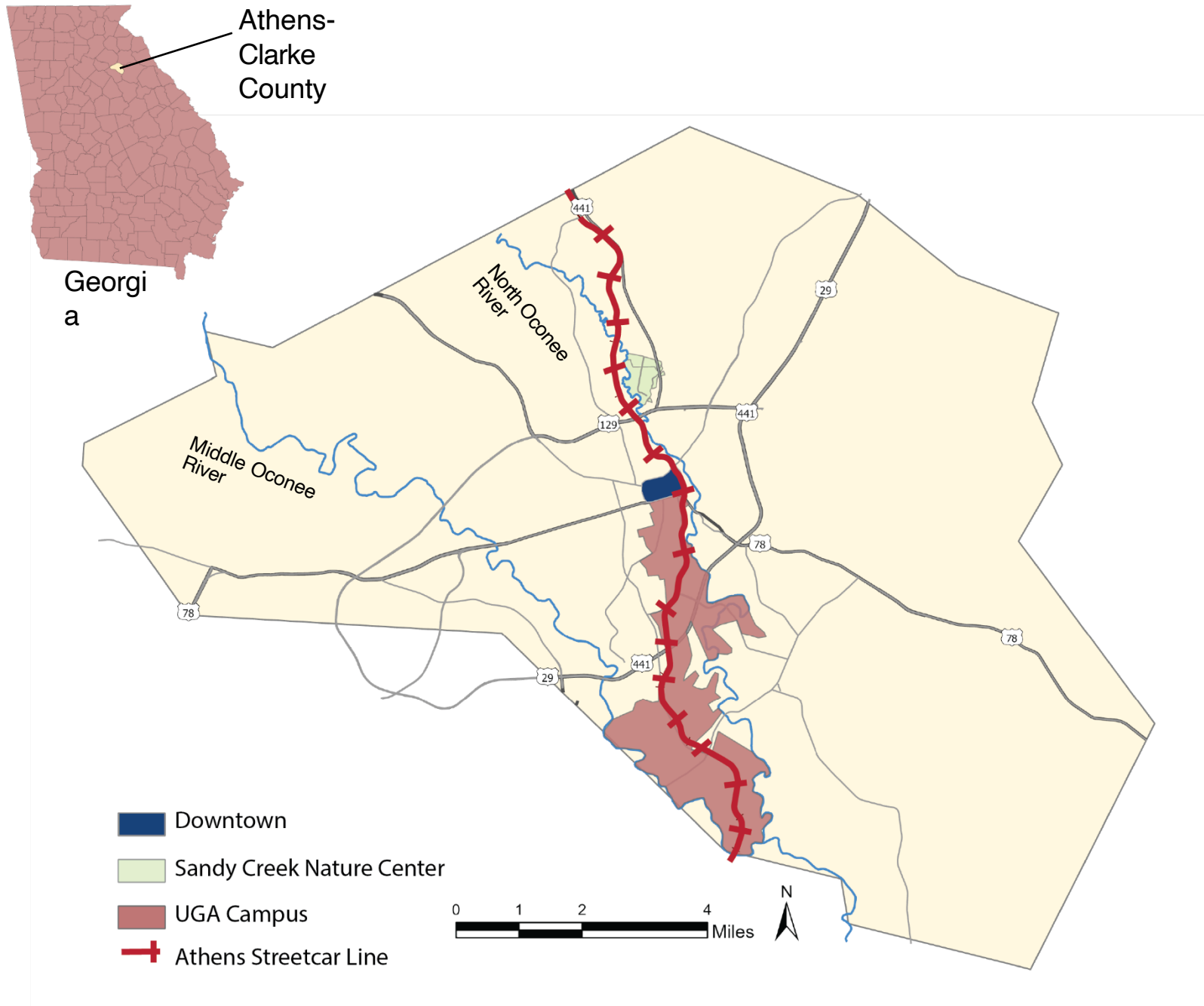
Athens-Clarke
County
Transportation

Image: Jack
Crowley

Atlanta and Charlotte are among the 20 fastest growing cities in the United States.

Highway and airport capacity between the two cities is strained.

ATHENS, GA



ATHENS, GA

Population 130,000 in 2020, expected to reach 160,000 by 2040

Three overlapping local transit systems

- Athens-Clarke County Buses

- University Buses – 11.5 million annual boardings

- Student Housing Complex Shuttles

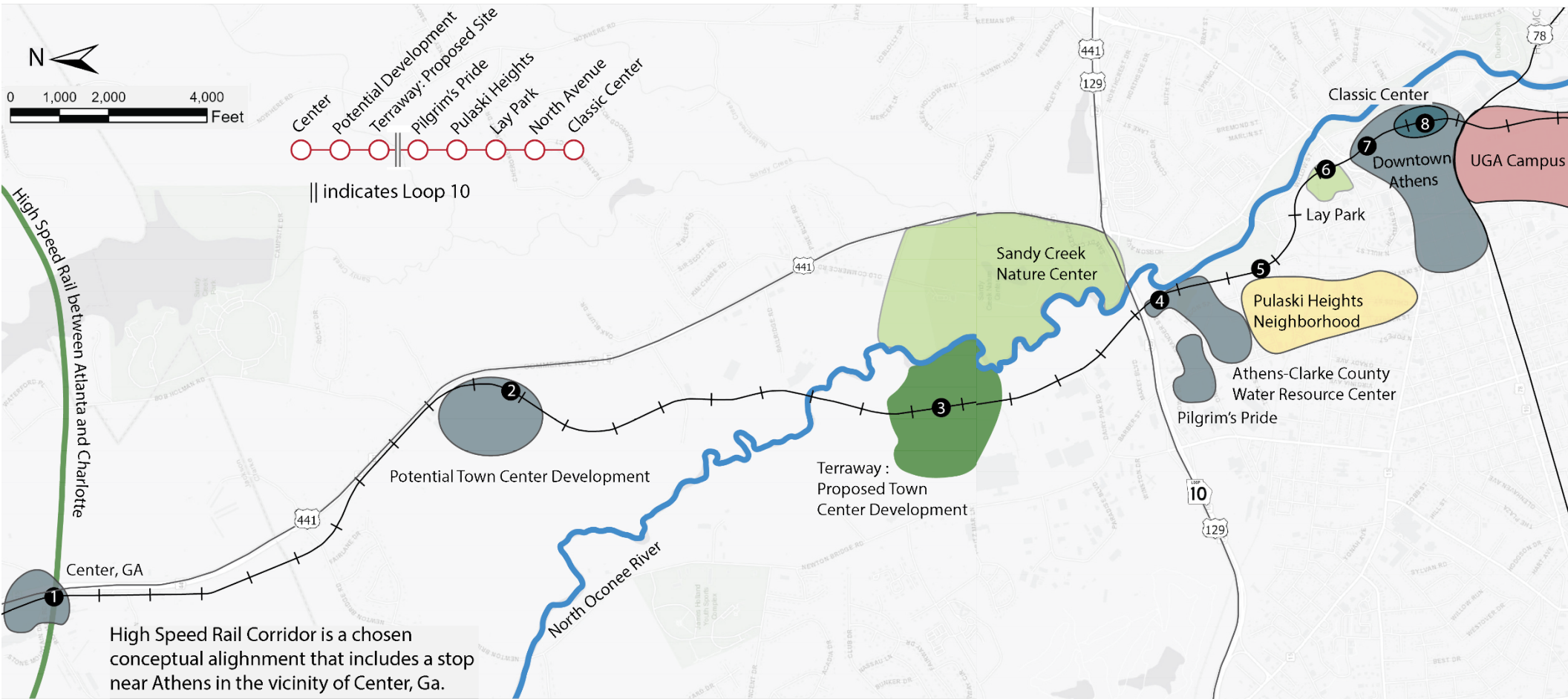
Proposed transit expansions

- Atlanta to Charlotte High Speed Rail

- Athens Streetcar

- Athens-Clarke County Buses to other corridors

NORTH SECTION



1. Center, GA
2. Potential Town Center Development
3. Potential Town Center Development
4. Pilgrim's Pride and Athens-Clarke County Water Works

5. Pulaski Heights
6. Lay Park
7. North Avenue
8. Classic Center and Downtown

CENTER, GA

Connection to Future High-Speed Rail

Future Station at Center, GA

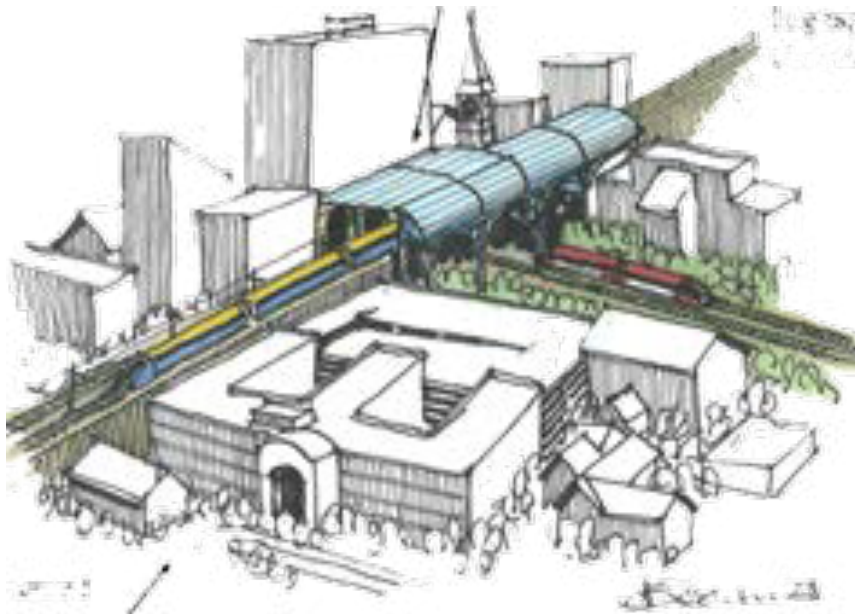


Image: Jack Crowley

- Multiuse Path
- Athens Streetcar Line
- Station Platform



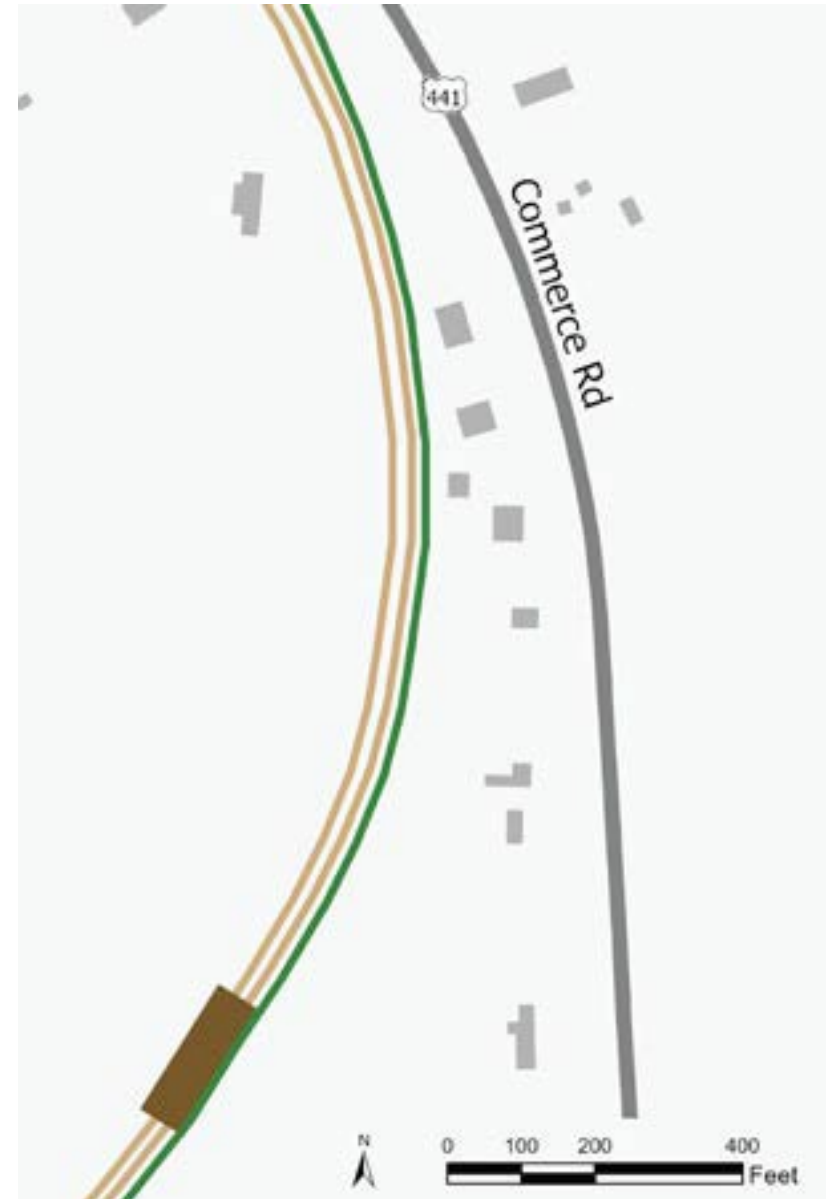
- Center
- Future
- Development
- Terrace
- Pride
- Pulaski
- Heights
- Lay Park
- North Avenue
- Classic
- Center

|| indicates Loop

FUTURE DEVELOPMENT



- Center
- Future
- Development
- || Terraway
- Pilgrim's Pride
- Pulaski
- Heights
- Lay Park
- North Avenue
- Classic



TERRAWAY STATION

Terraway Station

The following employers are located within a half mile radius of the station:

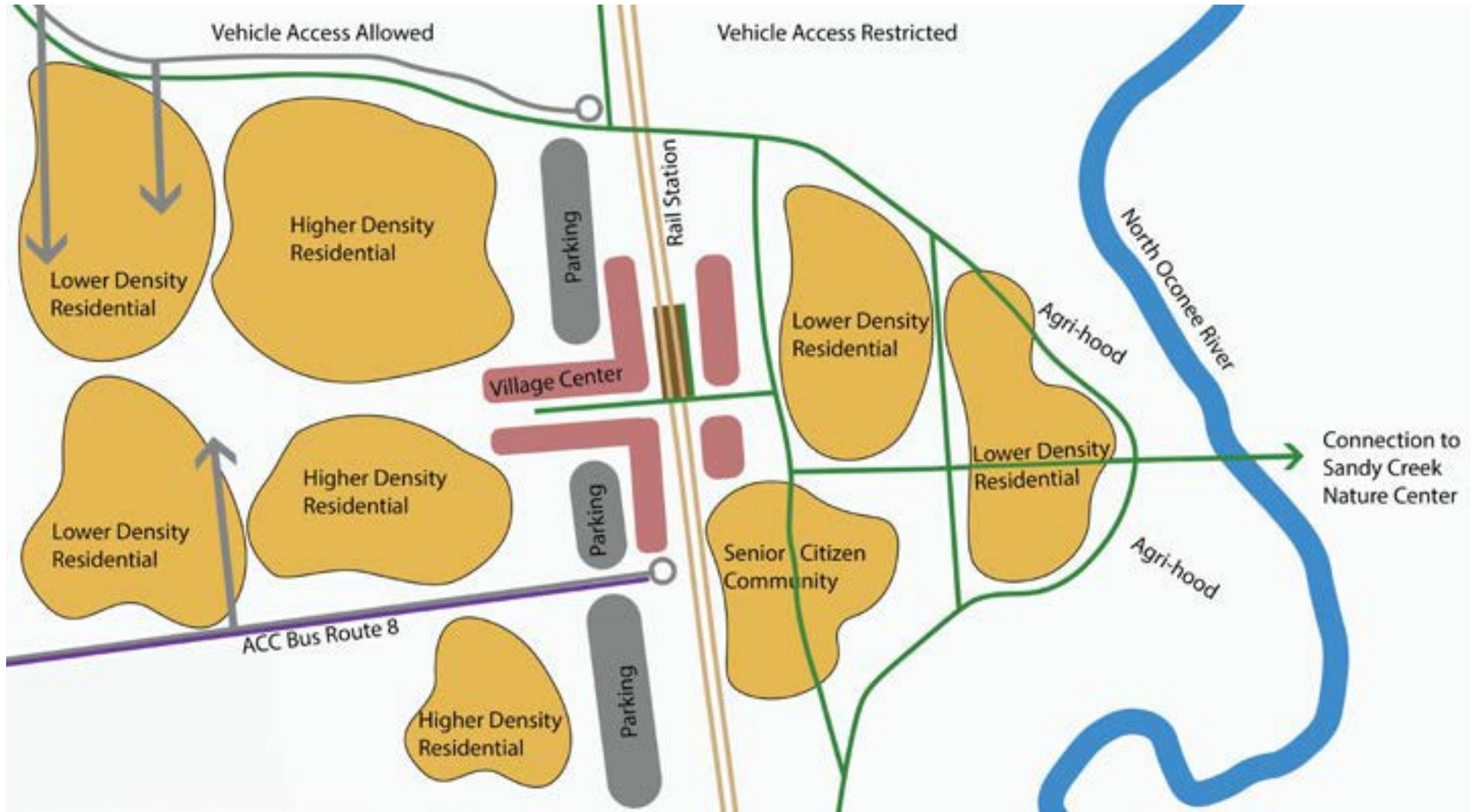
Power Partners
Pactiv Evergreen
Georgia Power
Wayfair
Terrapin Brewery
Clarke County Public Health
Dept.

New development is underway at the former Westclox facility.



- Center
- Future
- Development
- Terraway
- Highway Pride
- Pulaski
- Heights Lay
- Park
- North Avenue
- Classic
- Center

TERRAWAY STATION



PILGRIM'S PRIDE

Employers:

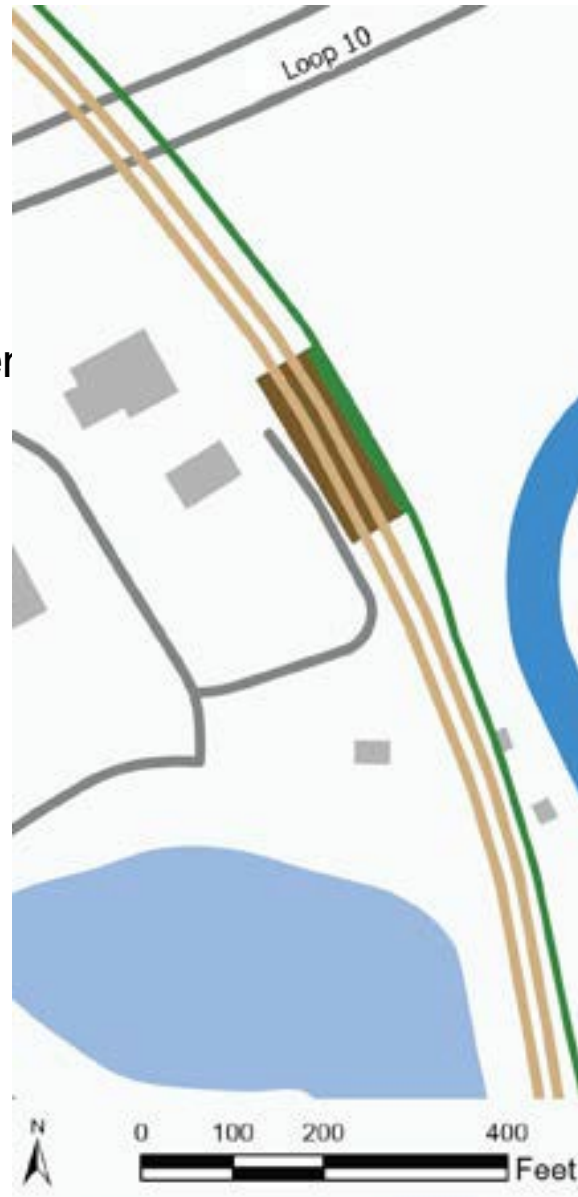
Pilgrim's Pride

ACC meter management

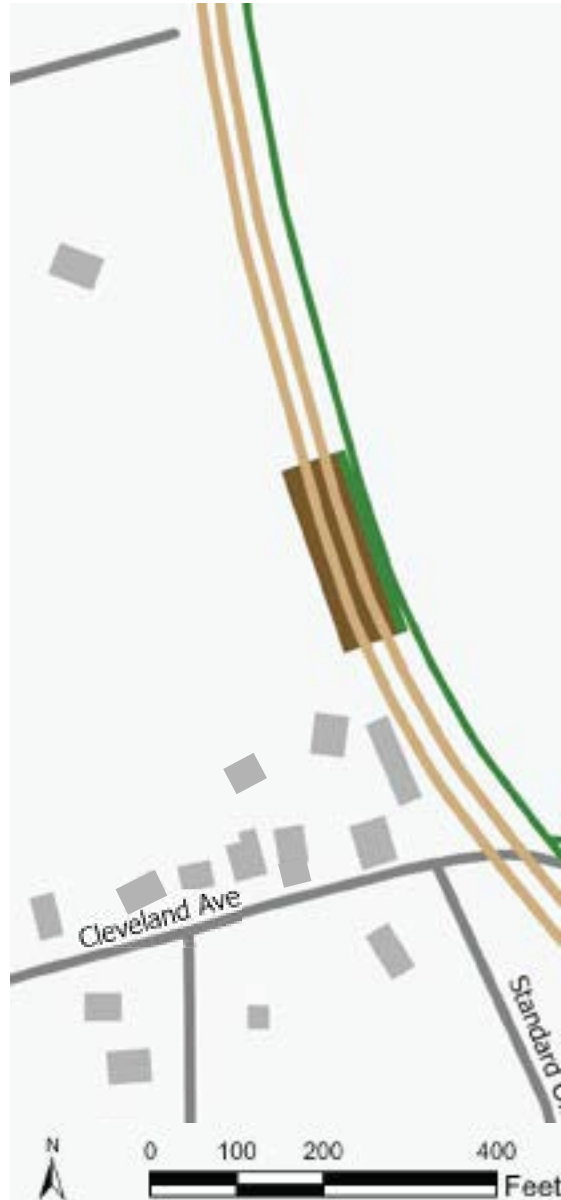
Bobby M. Snipes Water Resources Center

J.G. Beacham Water Treatment Plant

-  Center
-  Future
-  Development
-  Teraway
-  Pilgrim's
-  Pride
-  Pulaski
-  Heights
-  Lay Park
-  North Avenue
- Classic
- Center



PULASKI HEIGHTS



Historic residential area

Center for Hard to Recycle
Materials (CHaRM)

Assorted small businesses

- Center
- Future
- Development
- Terraway
- Highm's Pride
- Pulaski
- Heights Lay
- Park
- North Avenue
- Classic
- Center

LAY PARK



Area Hotels

-  Center
-  Future
-  Development
-  Terraway
-  Pign's Pride
-  Pulaski
-  Heights Lay
-  Park
-  North Avenue Center



Lay
Park



Lyndon House Art
Center



Lay Park Community
Center

NORTH AVENUE

Area Apartments



Athens Welcome Center



- Center
- Future
- Development
- Terraway
- Pilgrim's Pride
- Pulaski
- Heights
- Lay Park
- North Avenue
- Classic

THE CLASSIC CENTER



Classic Center
Convention Center



Classic Center
Theater



The Akins Ford Arena

- Center
- Future
- Development
- Terraway
- Pilgrim's Pride
- Pulaski
- Heights
- North Avenue
- City Park Center

THE CLASSIC CENTER

- 1. Arena
- 2. Hotels
- 3. Residential
- 4. Parking
- 5. Entertainment
- 6. Future Projects
- 7. Athens Classic Center
- 8. Multimodal Center

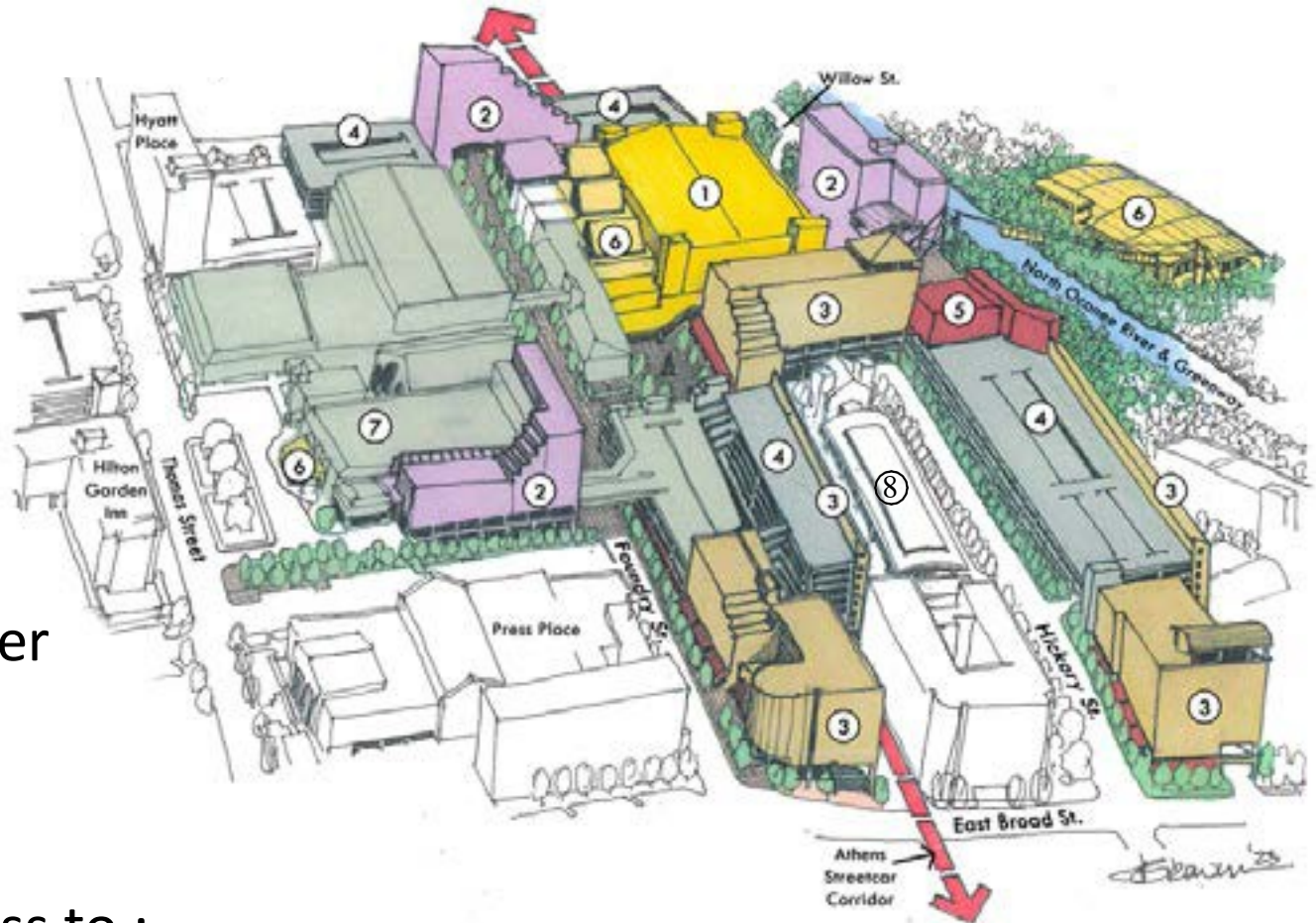


Image: Jack Crowley

Access to :
Downtown businesses
UGA's North Campus
Firefly Trail and Greenway trails

UGA CAMPUS



660+ Developed Acres



41,000+ Students plus Faculty, Staff and Visitors



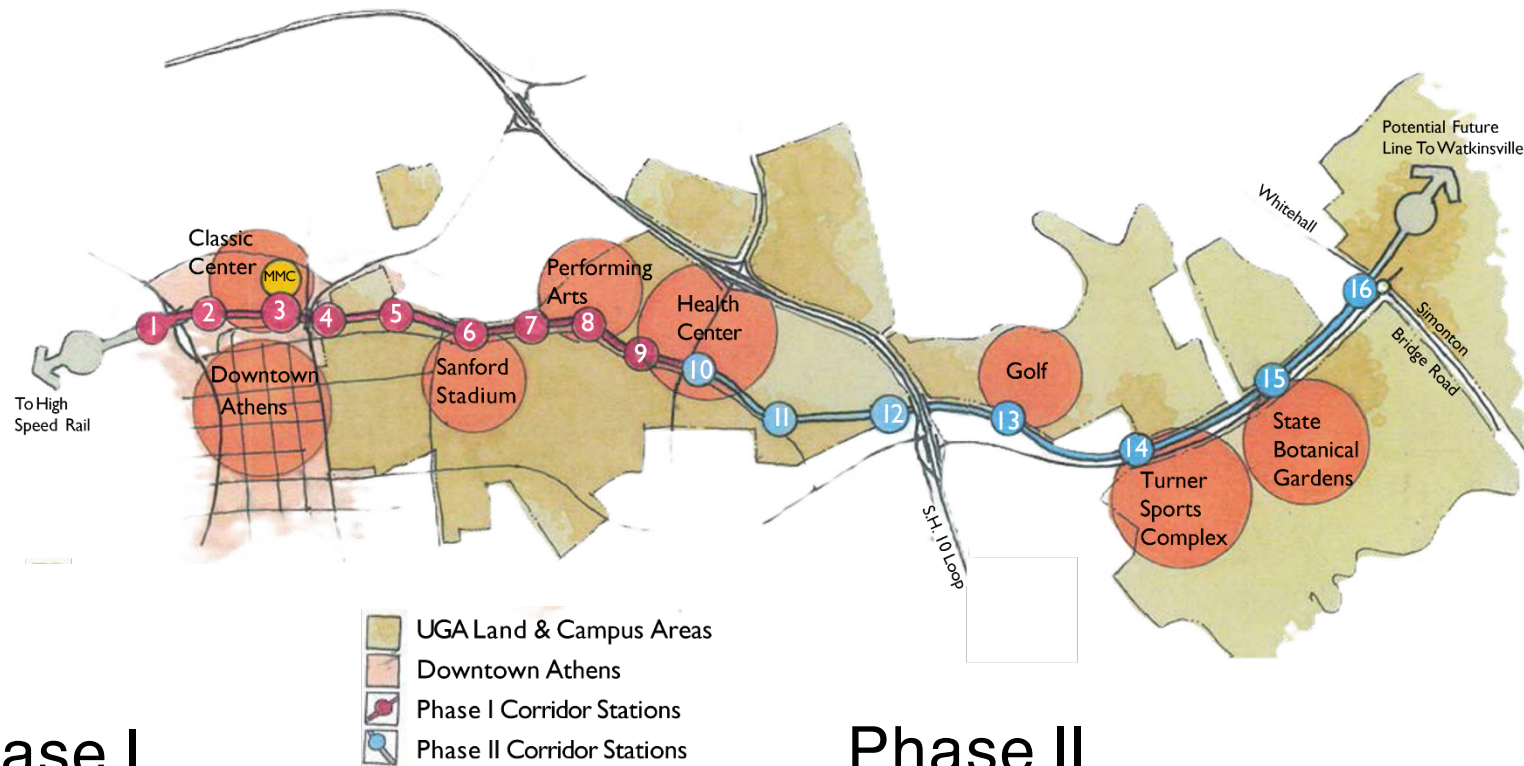
Likely to reach 50,000 students in 10-15 years



University Buses
with 11+ million annual boardings

UGA 2025 Strategic Plan to increase enrollment and double development on campus

UGA CAMPUS



Phase I

1. Lay Park
2. North Avenue
3. Classic Center & Arena
4. Mitchell Street
5. Baldwin Street
6. Stanford Stadium
7. Science Hill/STEM
8. Performing Arts – State Art Museum
9. Ramsey Center – Health Center

Phase II

10. Married Student Housing
11. Intramural Fields
12. Campus Housing – Milledge Retail
13. UGA Golf – Housing
14. Turner Sports Complex
15. State Botanical Garden
Potential State Museum of Natural History
16. Whitehall - Forestry

MITCHELL STREET

Delta Innovation
Center



The Administration
Building



Old
College



Human
Resource and
Development
Center

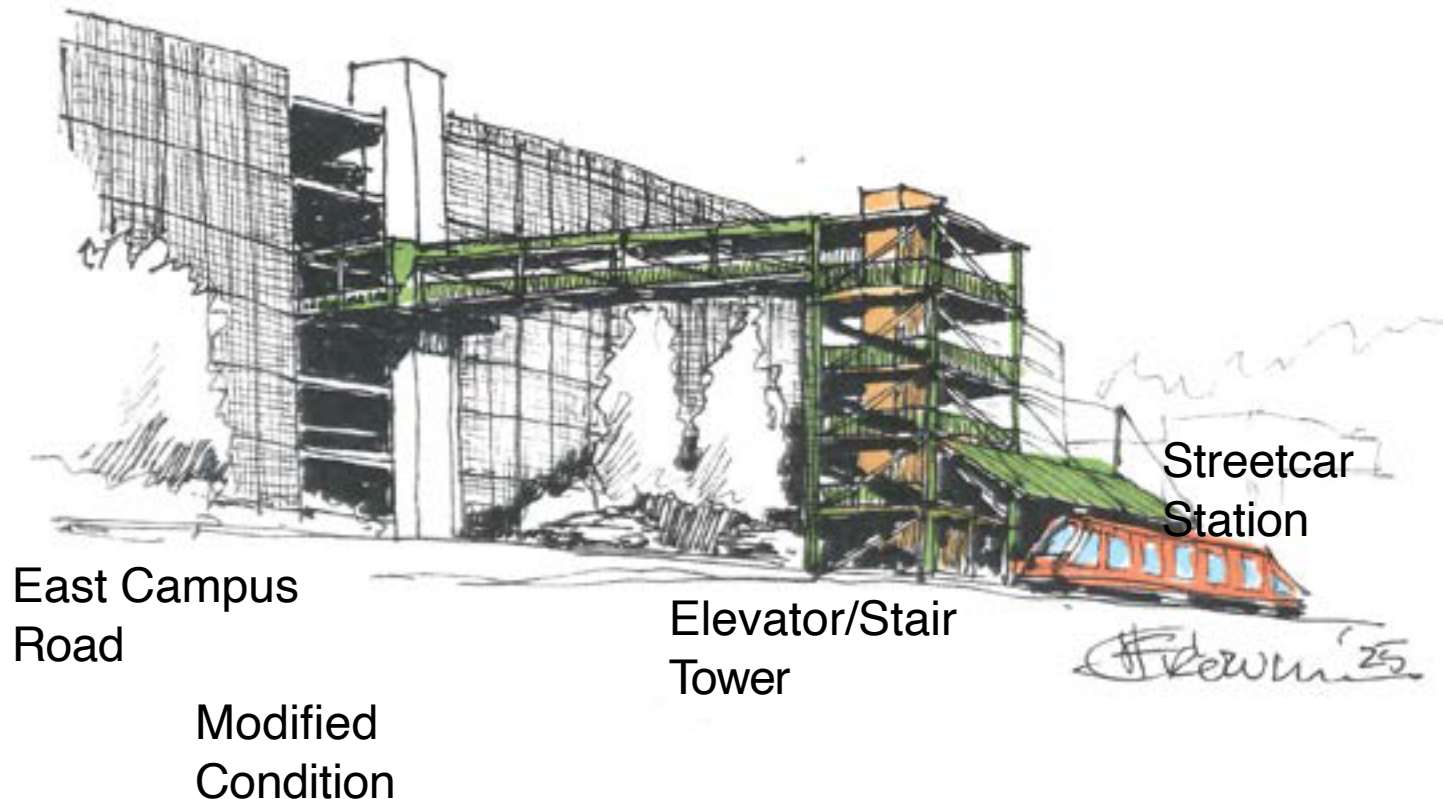


NORTH PARKING DECK

- Jackson Street (“C” level) walk through
- Bridge over East Campus Road to elevator/stair tower
- Event parking shuttle to Sanford Stadium and Akins Ford Arena
- Added off-hour parking income to cover cost of bridge and tower



Existing Condition



BALDWIN STREET

Main
Library



LeConte
Hall



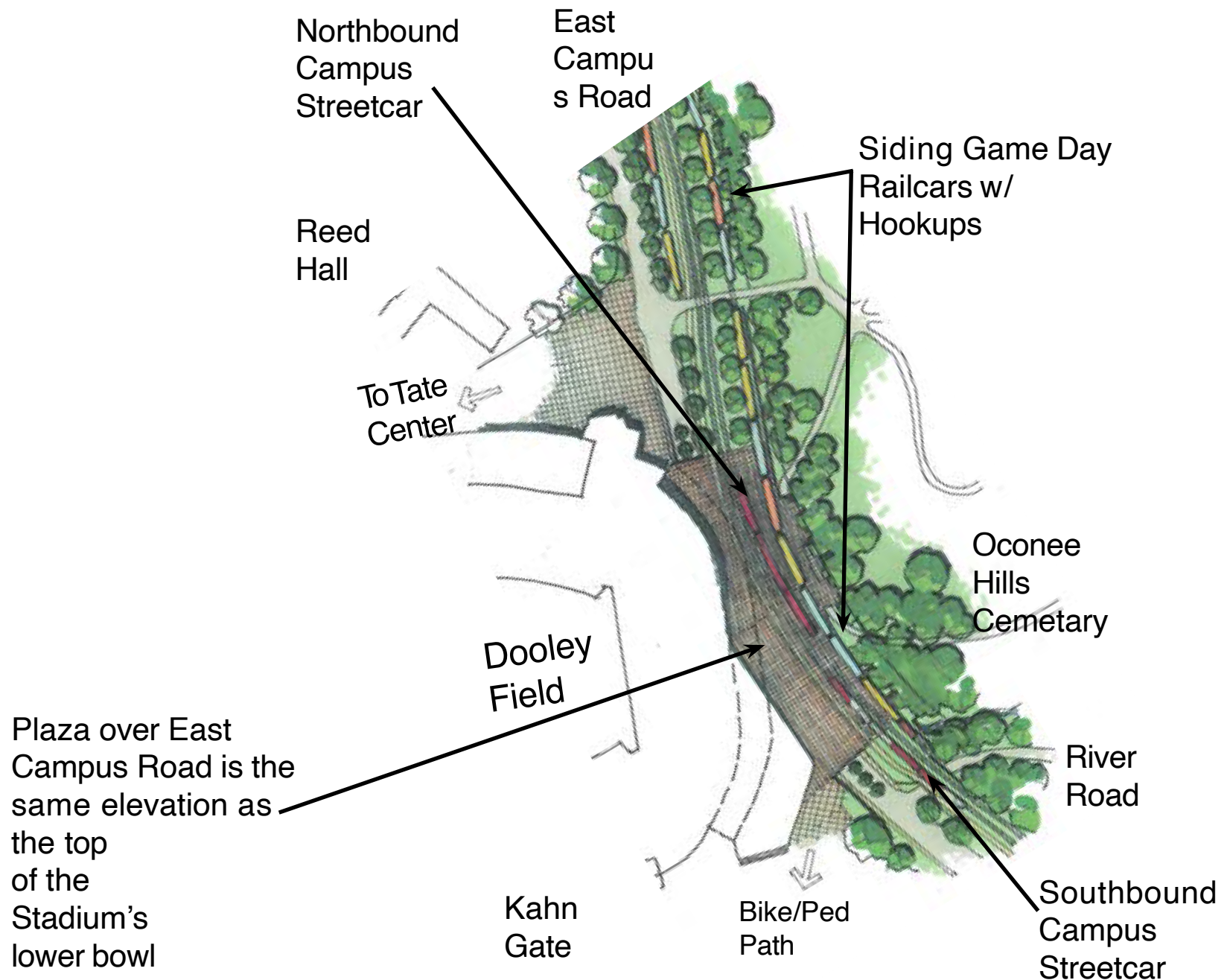
Access To:

Memorial Hall
Milledge Hall
Psychology
Building
Residential
Apartments School of
Journalism Tate
Center
UGA Bookstore

Payne
Hall



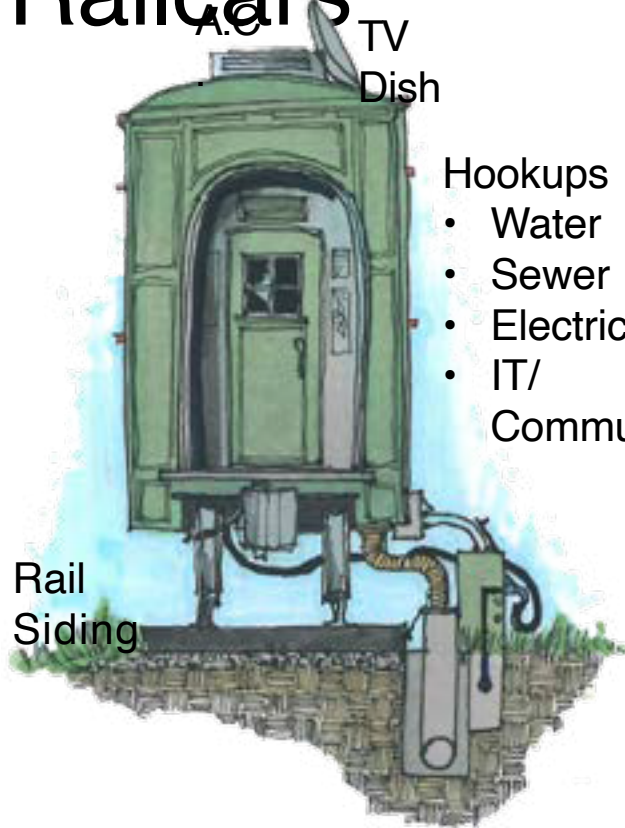
SANFORD STADIUM



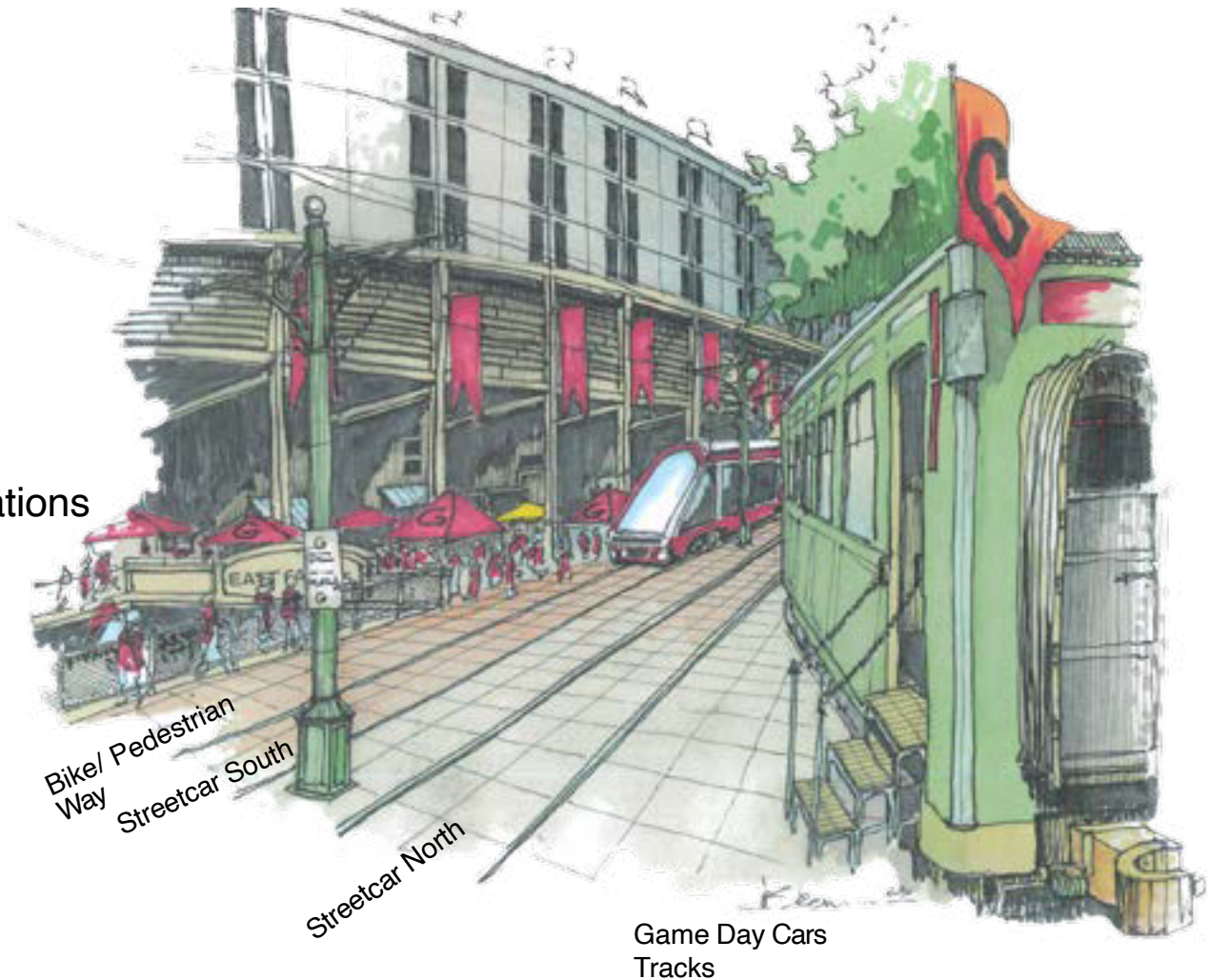
SANFORD STADIUM

Restored Game Day Railcars on Sanford Stadium's Proposed East Plaza

Game Day Railcars



- Hookups
- Water
 - Sewer
 - Electricity
 - IT/ Communications

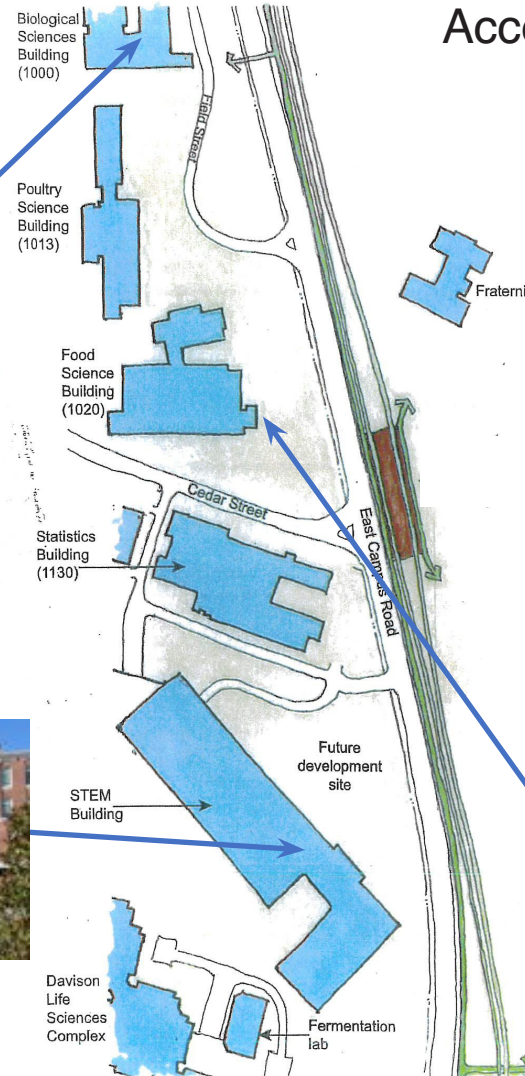


STEM STATION

Biological Science



STEM Building



Access To:
College of Agriculture
Fraternity Row
Museum of Natural History

Food Science Building



PERFORMING ARTS

Life Sciences
Building



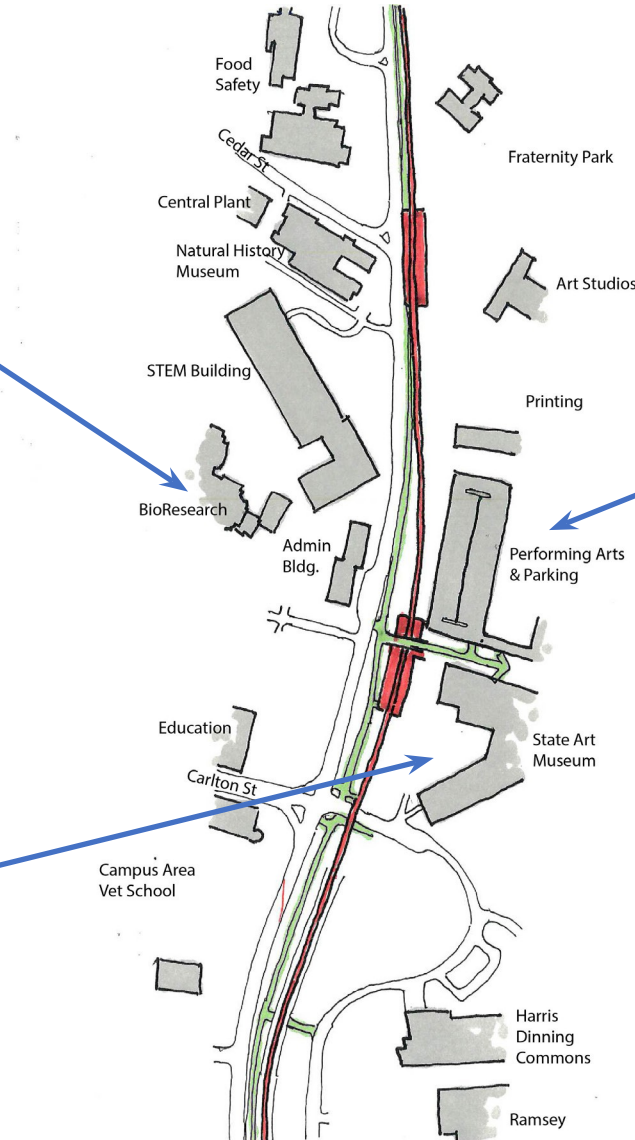
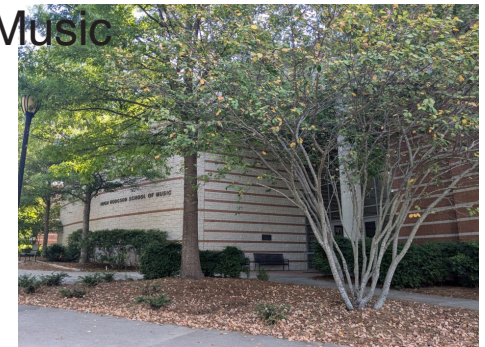
University of Georgia
Performing Arts
Center



Georgia Museum of
Art



Hodgson School of
Music

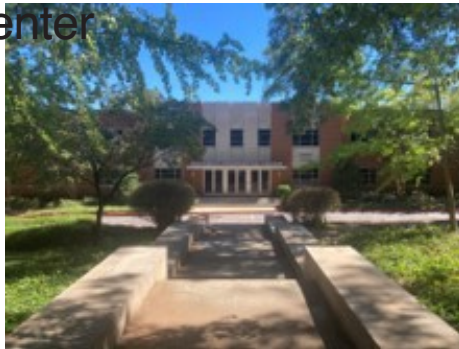


RAMSEY CENTER

College of Veterinary
Medicine



Driftmier Engineering
Center



Joe Frank Harris Dining
Commons

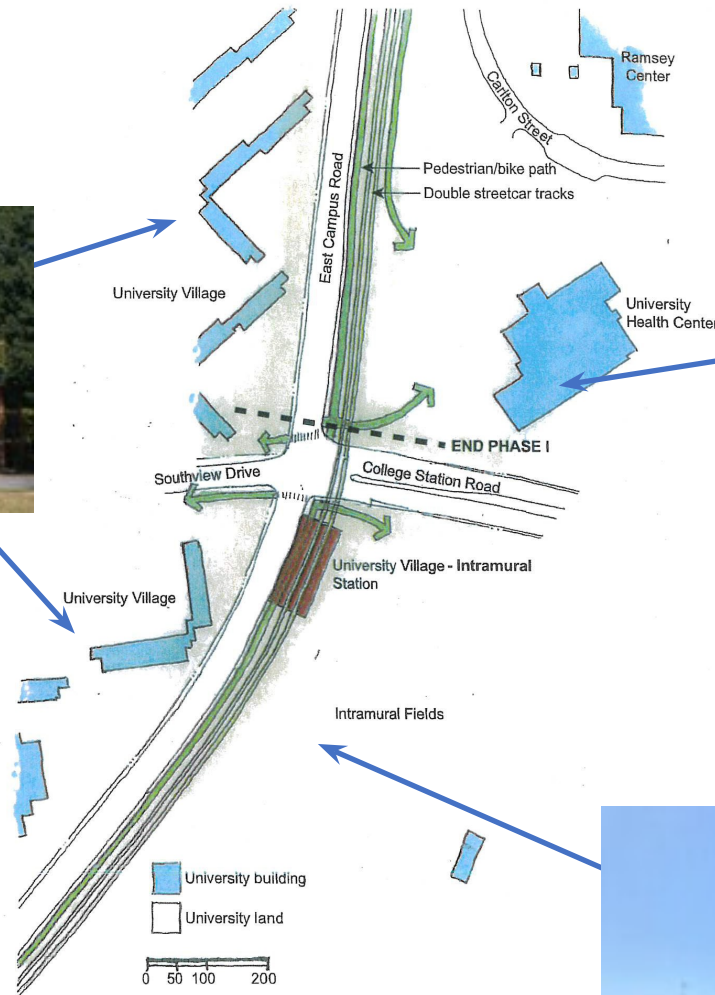


Ramsey
Center



UNIVERSITY VILLAGE

Family and Graduate Housing



University Health Center



Intramural Fields

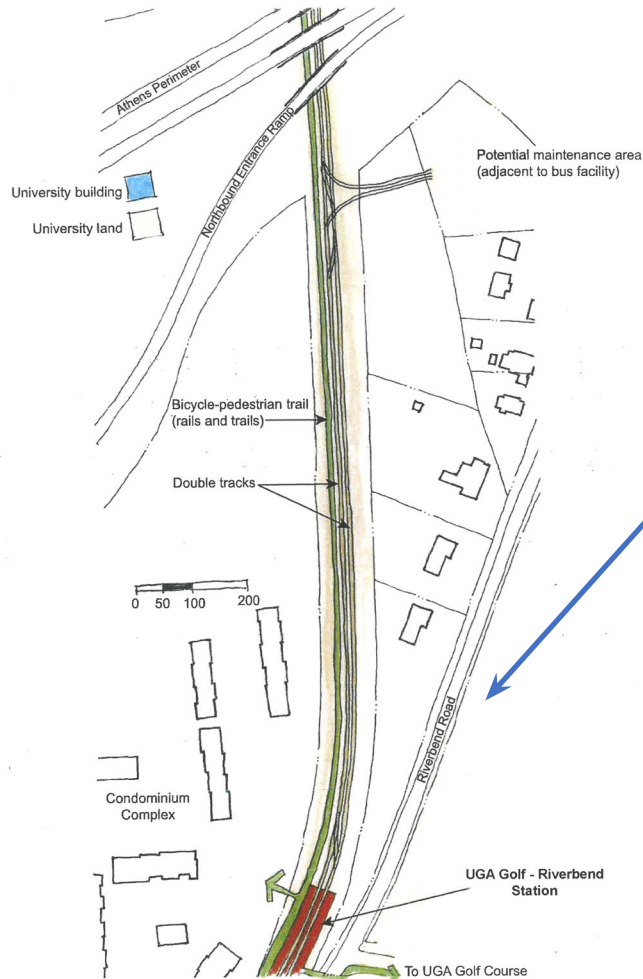


ROGERS ROAD

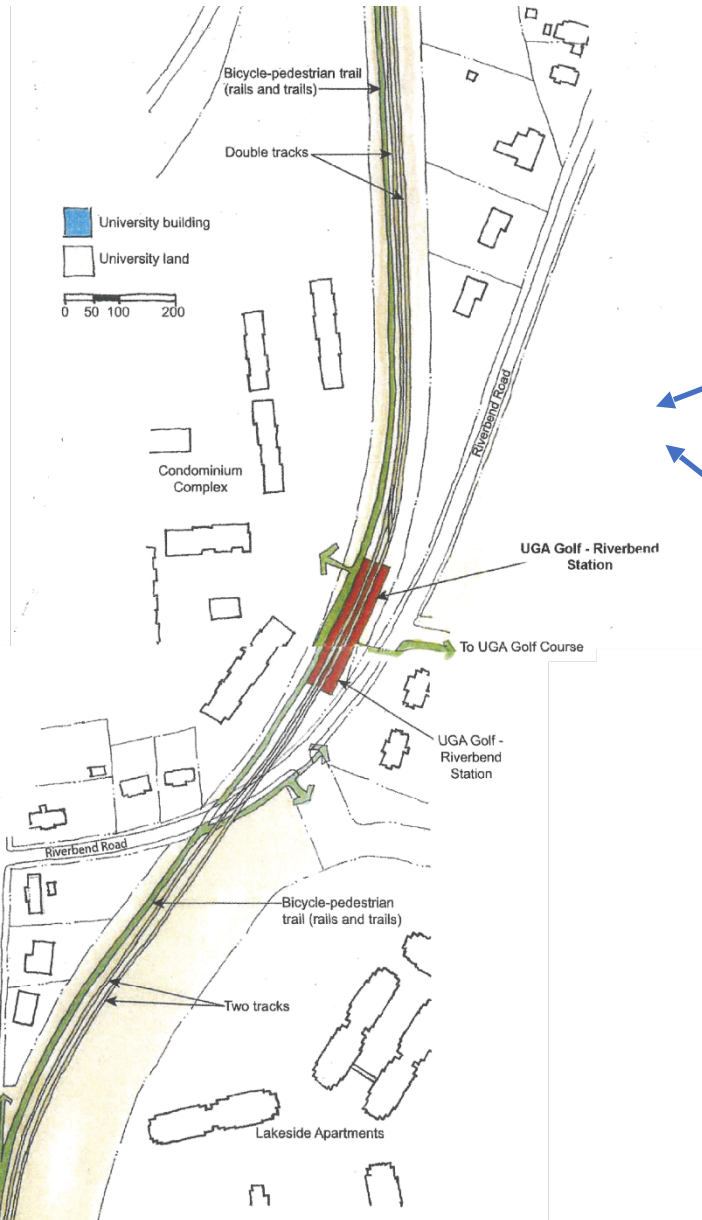


RIVERBEND ROAD

UGA Golf Course



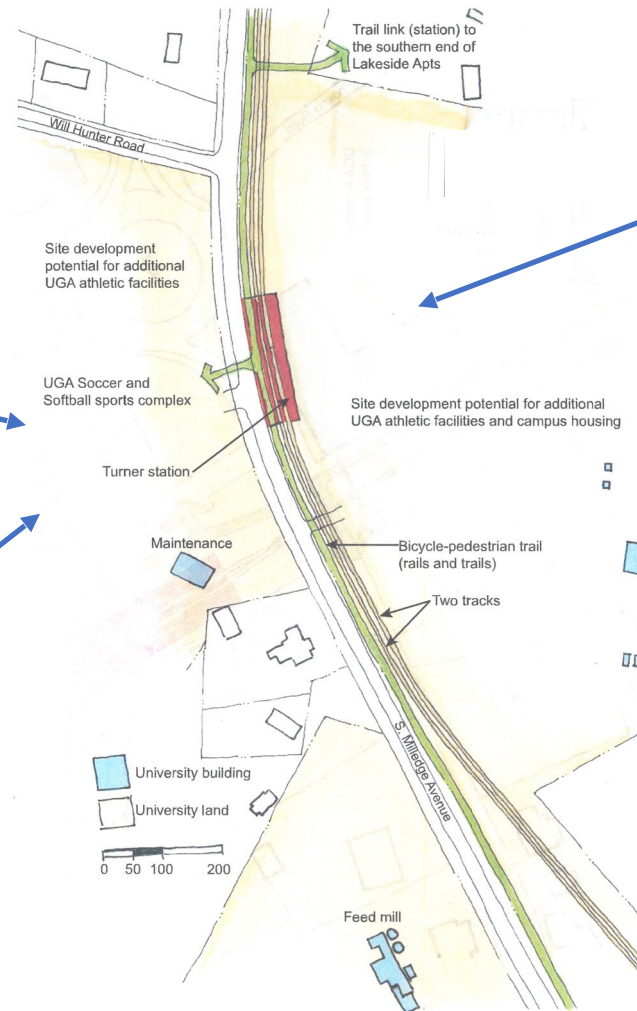
RIVERBEND ROAD



UGA Golf Course

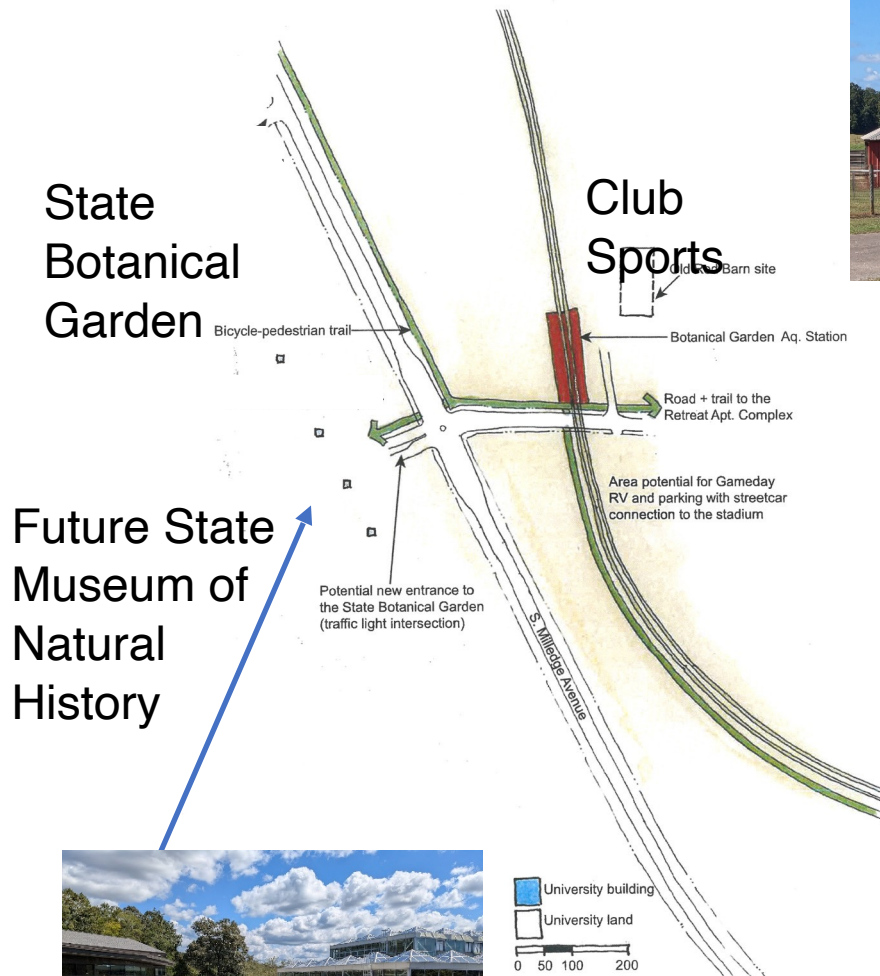


TURNER SPORT COMPLEX



Access To:
Turner Soccer Complex
Turner Softball Stadium
Spec Towns Track
and Field Facilities

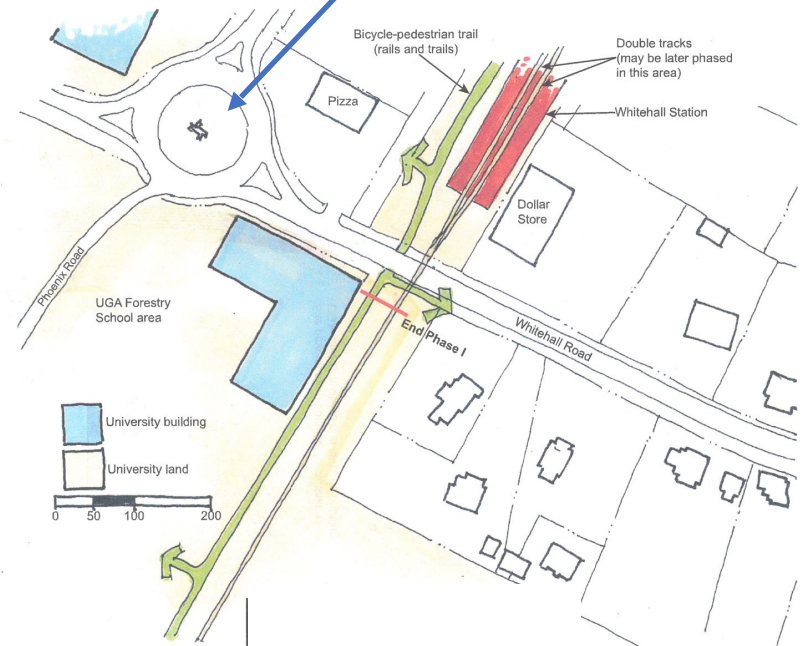
STATE BOTANICAL GARDEN



Future State Museum of Natural History



Agricultura I Arena



RAILSWITHTRAILS

The layout of the Streetcar will follow the recommendations of the Federal Railroad Administration for Rails with Trails.

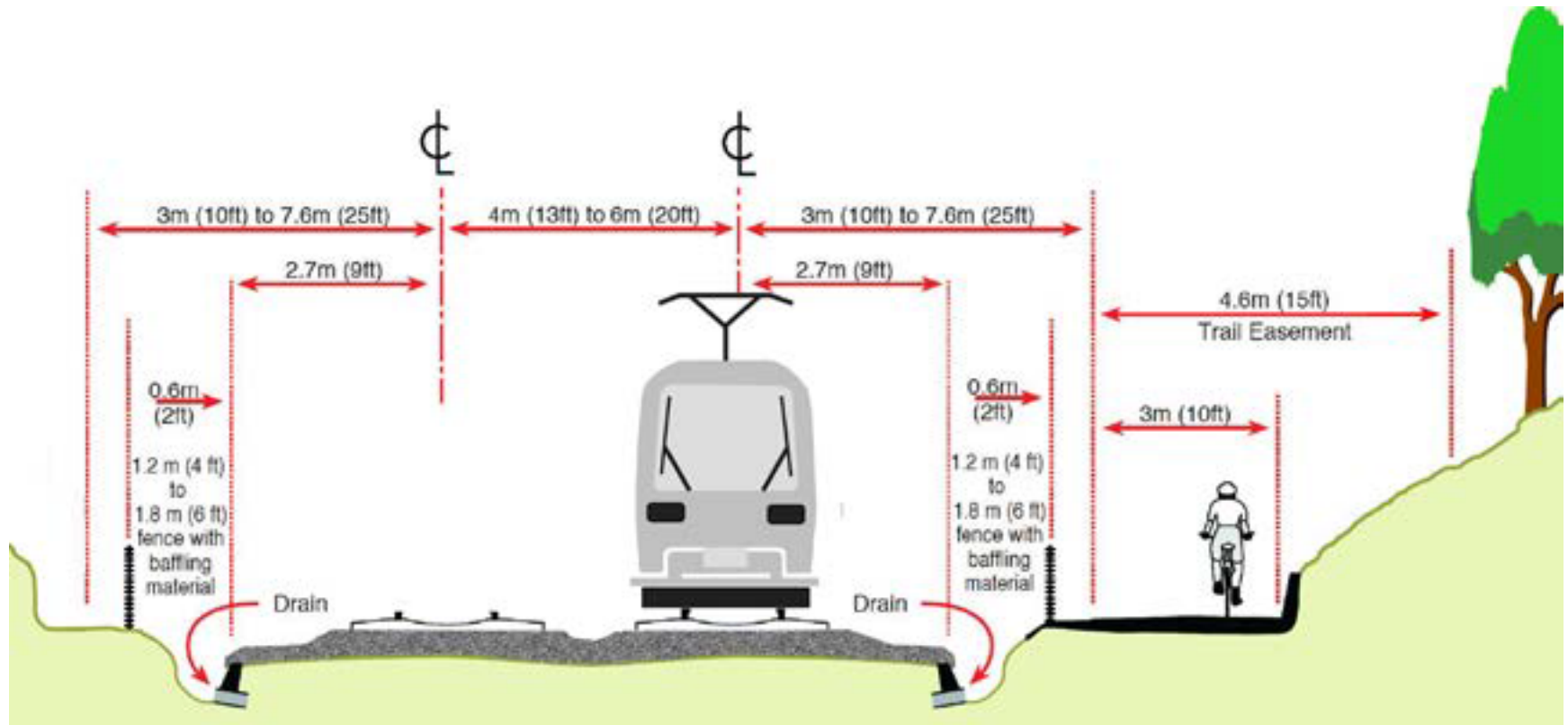
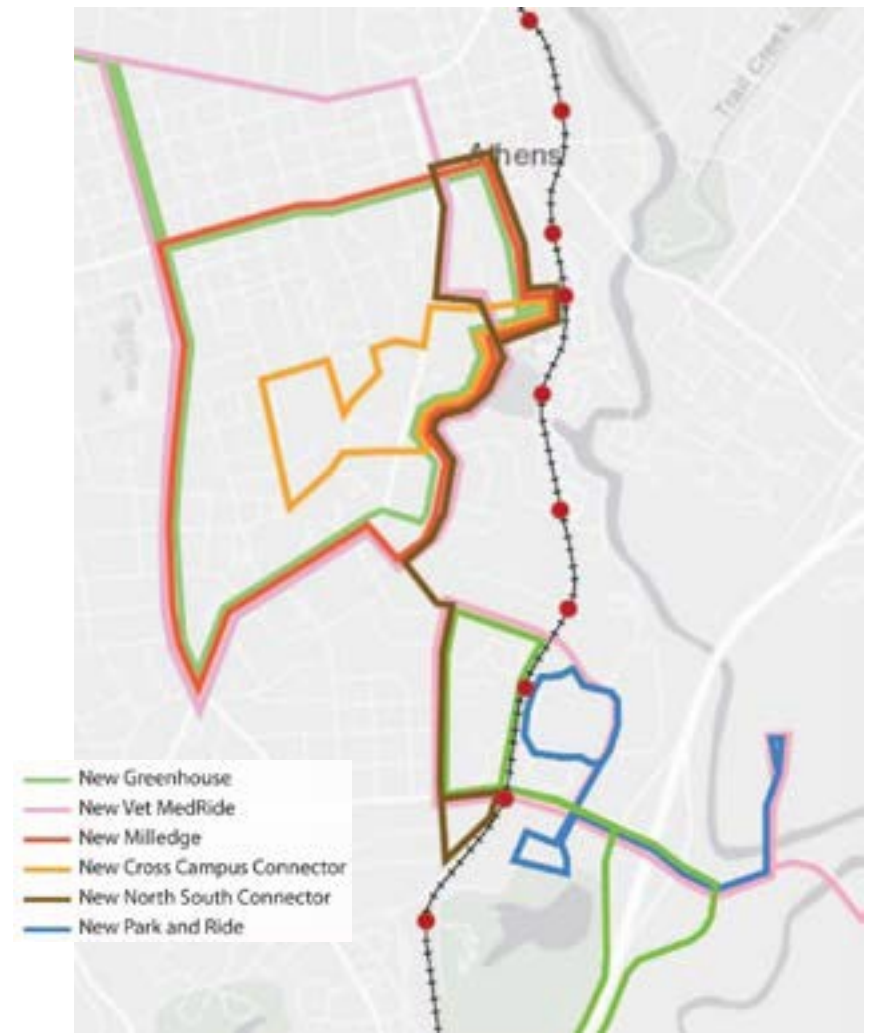
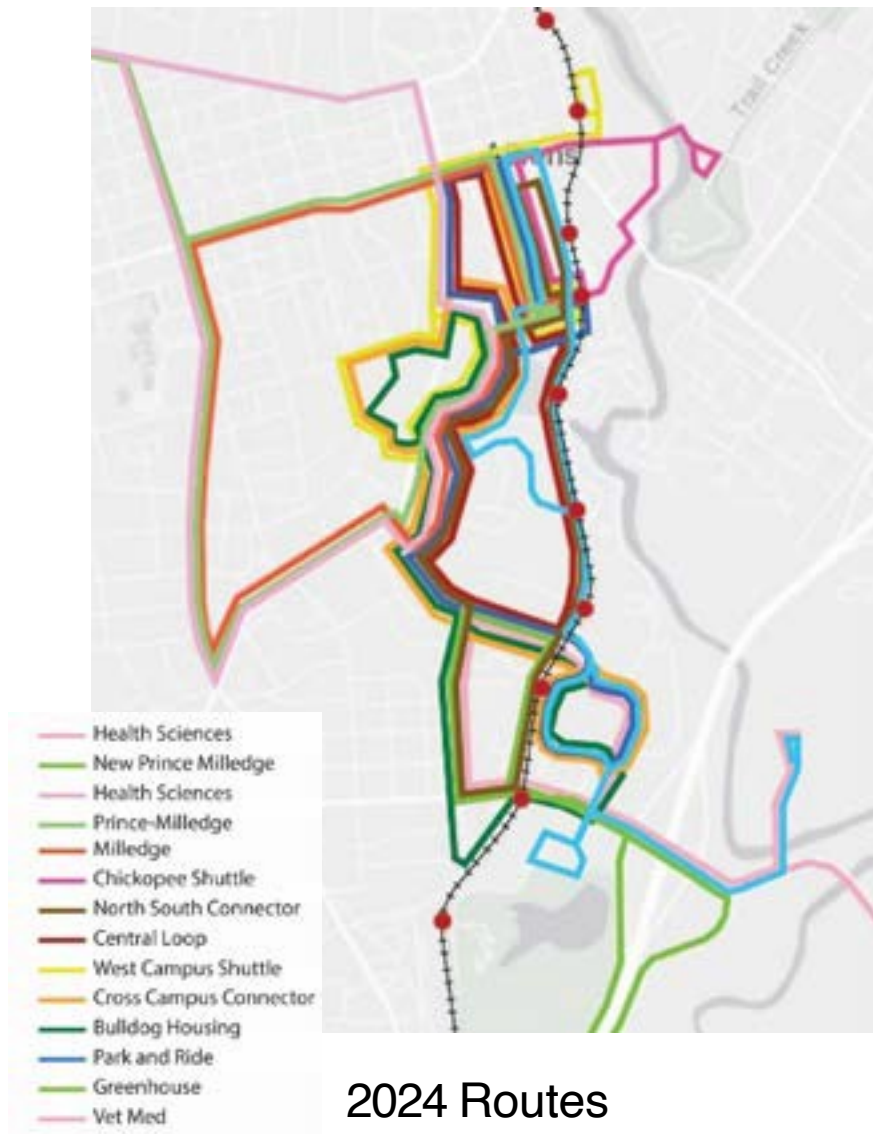


Image: US Department of Transportation: Federal Railroad Administration. 2021. "Rails with Trails: Best Practices and Lessons Learned." p 50

UGABUS ROUTES





UNIVERSITY OF
GEORGIA