

LOUISIANA STATE UNIVERSITY

COMPREHENSIVE & STRATEGIC CAMPUS MASTER PLAN

October, 2017

AGENDA

1 | OVERVIEW

2 | SPACE AND PROGRAM NEEDS

3 | MASTER PLAN FRAMEWORK

4 | MASTER PLAN RECOMMENDATIONS

5 | STRATEGIC CAPITAL PLANNING

6 | MASTER PLAN GOVERNANCE

7 | DISCUSSION

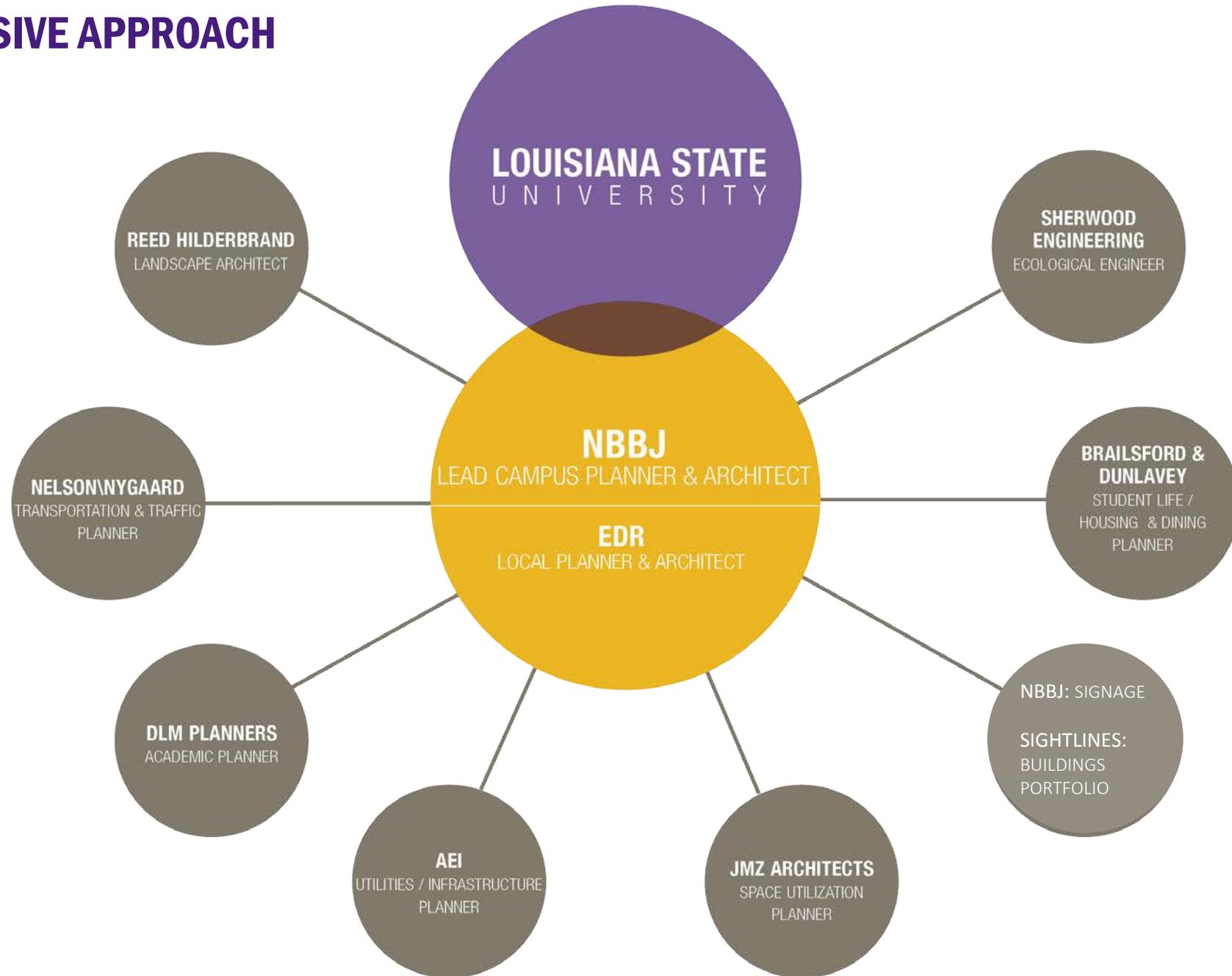
1 | OVERVIEW



THE MASTER PLAN PROCESS

PHASE 1		PHASE 2		PHASE 3	
DATA COLLECTION, ANALYSIS, NEEDS IDENTIFICATION		CONCEPT DEVELOPMENT & TESTING		FINAL MASTER PLAN DEVELOPMENT & DELIVERY	
1. Project Initiation	Key Phase 1 Outcomes: <ul style="list-style-type: none"> · Master Plan website launch · Stakeholder engagement · Master plan vision · Needs and goals · Campus 3D digital model <p><i>* Check-Point – seek EOC approval before proceeding</i></p>	5. Preliminary Options	Key Phase 2 Outcomes: <ul style="list-style-type: none"> · Options evaluation matrix · Preferred concept / draft master plan · Real estate strategy · Draft defragmentation strategy · Broad brush costs <p><i>* Check-Point – seek EOC approval before proceeding</i></p>	8. Draft Master Plan	Key Phase 3 Outcomes: <ul style="list-style-type: none"> · Comprehensive and Strategic Master Plan · Strategic capital plan · Final report · Renderings and fundraising material · Master planning website support · 3D digital model, animations
2. Data Gathering & Analysis		6. Refine Options		9. Strategic Capital Planning & Phasing	
3. Preliminary Goals & Needs		7. Preferred Concept / Draft Master Plan		10. Draft Report	
4. Revised Needs & Big Picture Strategies				11. Final Master Plan & Deliverables	
CONCLUDES MAY 2016		CONCLUDES NOVEMBER 2016		CONCLUDES OCTOBER 2017	

A COMPREHENSIVE APPROACH



CAMPUS ENGAGEMENT

- 12+ On Campus Visits
- 120+ Faculty/Student/Staff/Leadership/Community Meetings
- 30+ Virtual Meetings/Interview
- 60+ Phone Meetings
- 4 Facilitation Team Design Workshops
- + Online Surveys
- + Project Website
<https://masterplanLSU.com>



LSU Comprehensive & Strategic Campus Master Plan

Home Events Project Participate Contact Us

WHAT MOVES YOU?

Take a Two-Minute Online Transportation Survey:
<https://masterplanlsu.com/survey-polls>

About
LSU, in partnership with master planning firm NBBJ, has embarked on a Comprehensive and Strategic Campus Master Plan that will guide development and capital investment on the Flagship Campus over the next ten years and beyond. This website, updated by NBBJ, is designed as an easy-to-use online engagement platform to solicit broad input from LSU stakeholders and to provide project updates. [More](#)

Your Input
Your Ideas
What will make this Master Plan successful? Share your thoughts and see what others are saying.
Surveys & Polls
Tell us how you use the LSU campus?
Map Your Favorite Place & Travel Path

Timeline
↑
Fall Fest: Master Planning Table
09/16/2016 - 11:00am to 1:30pm
Phase 3: Final Recommendations &
On Campus

MASTER PLAN VISION STATEMENT

Respecting the culture, heritage and diversity of Louisiana State University, this Comprehensive and Strategic Campus Master Plan will provide a practical and flexible framework that sustainably guides and integrates development and capital investment on the campus and in the community over the next decade and beyond. The Master Plan will support LSU's Flagship designation and will reinforce its status as a high performance, contemporary, research and living/learning environment....the Flagship of Flagship Universities.

PLANNING PRINCIPLES

- **Connect Campus & Community**

- Seek partnership opportunities
- Enhance physical and programmatic campus connections to community
- Integrate campus and city edges to create seamless transitions
- Design surface parking to connect urban fabric with the

- **Celebrate LSU's Distinct Campus and Context**

- Integrate the historic fabric while designing for the future
- Respect the lowland and celebrate the bluff
- Celebrate the iconic landscape
- Utilize a diverse palette of plants that is responsive to underlying site characteristics of topography, hydrology, soil, and exposure
- Reflect the efficiency and economy of the historic character of architectural & landscape.
- Preserve LSU history and the culture of Athletics

- **Reinforce High Performance Academic & Research Activities**

- Renovate interior academic and research space to support contemporary pedagogies
- Provide facilities that support diverse research needs
- Enhance visibility of academic programs
- Provide formal and informal spaces that inspire learning

- **Enhance Student Life**

- Provide open spaces that accommodate flexible uses at a variety of scales.
- Create places for engagement, interaction, and student life
- Design welcoming and safe spaces
- Prioritize pedestrian movement through a safe, accessible network with a clear circulation hierarchy

- **Promote Environmental Stewardship**

- Use resources responsibly
- Encourage sustainable travel modes as alternative to driving
- Maximize shade through arcades and tree canopy
- Integrate natural systems throughout campus by strategically incorporating landscape infrastructure
- Emphasize densification and rehabilitation over expansion and growth

2 | GROWTH AND SPACE NEEDS



SPACE NEEDS

Growth Assumption: When enrollment reaches 35,565 Students and 235 Faculty are added

Academic Space ~ 1 million gsf

- LSU does not need to increase the number of classrooms to reach enrollment target of 35,565 students
- Increasing classroom utilization from 22 to 30 hours per week will allow classrooms to be taken offline for renovation
- Total academic needs – labs, offices, support - (projected & right sized): ~ 1 million gsf
 - Right Sized: ~ 0.3 million gsf
 - Growth: ~ 0.7 million gsf

Replacement Space ~ 1 million gsf

- ~ 1.0 million gsf Academic / Research space (Middleton, Lockett, Facility Services, etc.)

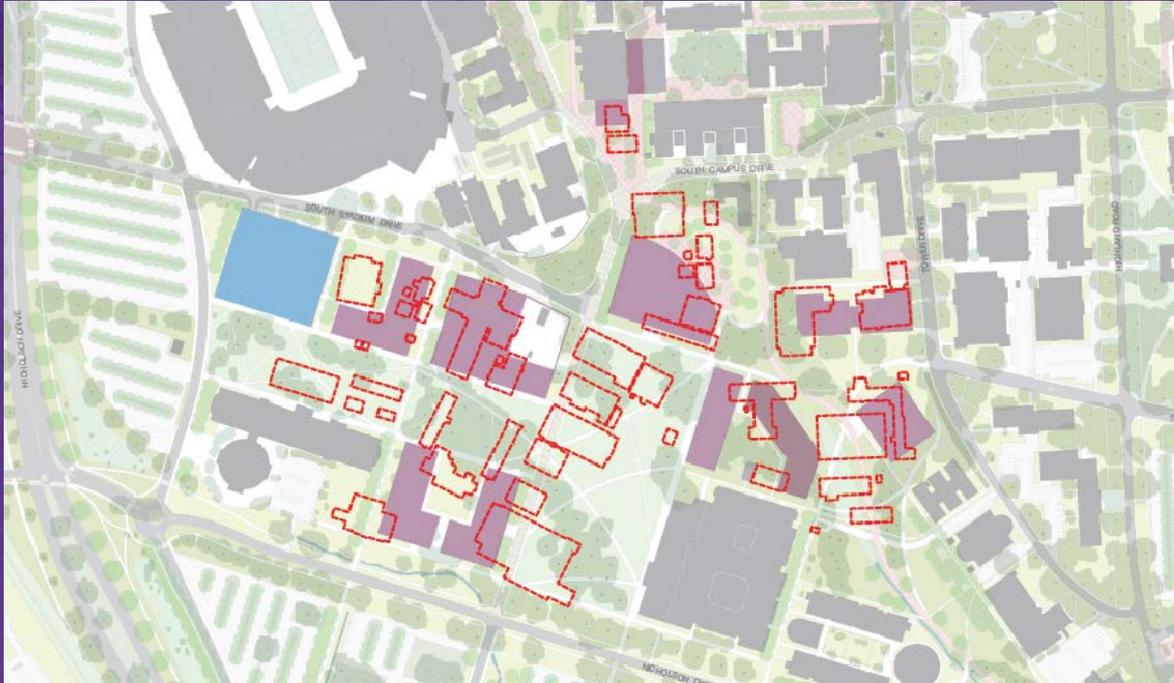
Support Space ~ 2 million gsf

- Residential needs
- Student Life & Dining needs
- Athletic needs
- Future growth beyond 10 year threshold

DEFERRED MAINTENANCE NEEDS

The most strategic areas of demolition represent a significant portion of the deferred maintenance backlog

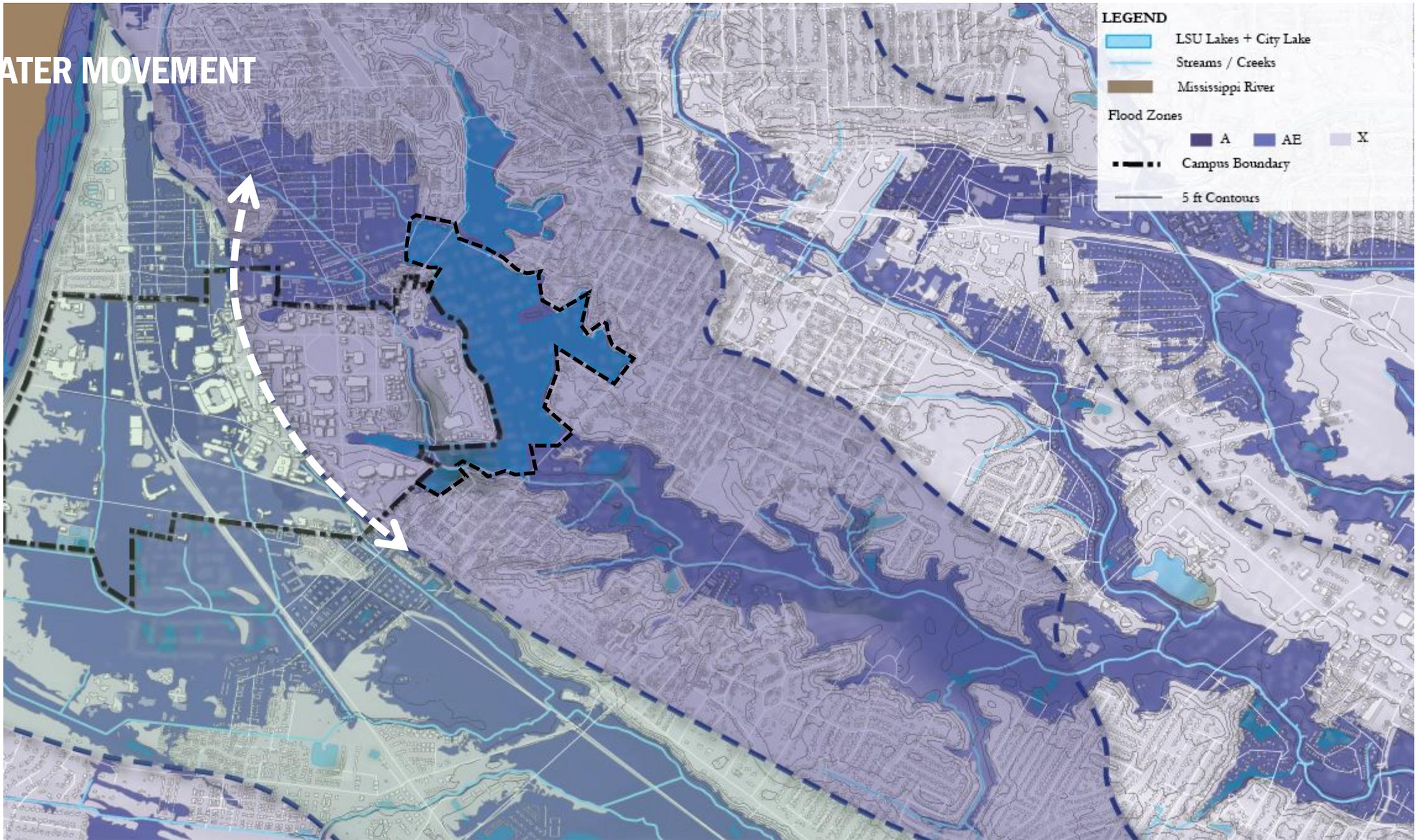
Identified Deferred Maintenance needs (FY17): \$588 million
10-Year Projection: \$893 million



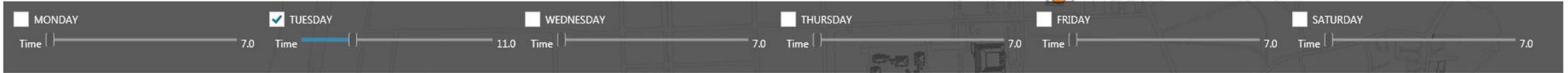
3 | MASTER PLAN FRAMEWORK



WATER MOVEMENT



ACADEMIC SPINE: Class Schedule Distribution



SELECT SEMESTER

2014 FALL SEMESTER

SELECT COLLEGE

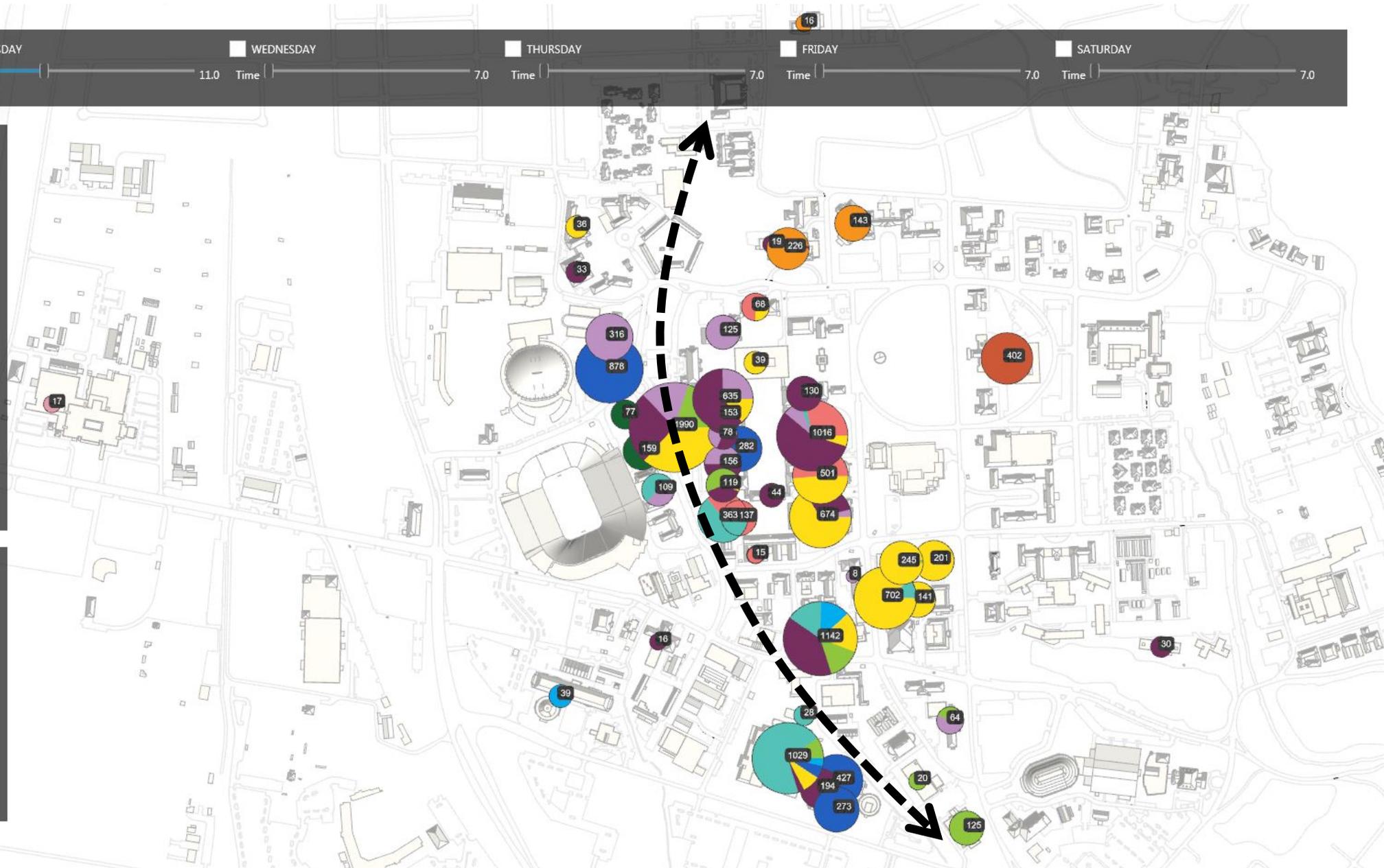
- COLLEGE OF AGRICULTURE
- COLLEGE OF ART & DESIGN
- COLLEGE OF ENGINEERING
- COLLEGE OF HUMAN SCIENCES & EDUCATION
- COLLEGE OF HUMANITIES & SOCIAL SCIENCES
- COLLEGE OF MUSIC & DRAMATIC ARTS
- COLLEGE OF SCIENCE
- LAW CENTER
- MANSHIP SCHOOL OF MASS COMMUNICATION
- OURSO COLLEGE OF BUSINESS
- SCHOOL OF THE COAST & ENVIRONMENT
- SCHOOL OF VETERINARY MEDICINE

TOTAL CLASSROOM OCCUPANCY

TUESDAY

11:00

13700



PRIMARY OPEN SPACE SPINES

MISSISSIPPI RIVER

UNIVERSITY LAKE

RIVERFRONT SPINE

ATHLETICS SPINE

NICHOLSON SPINE

ACADEMIC SPINE

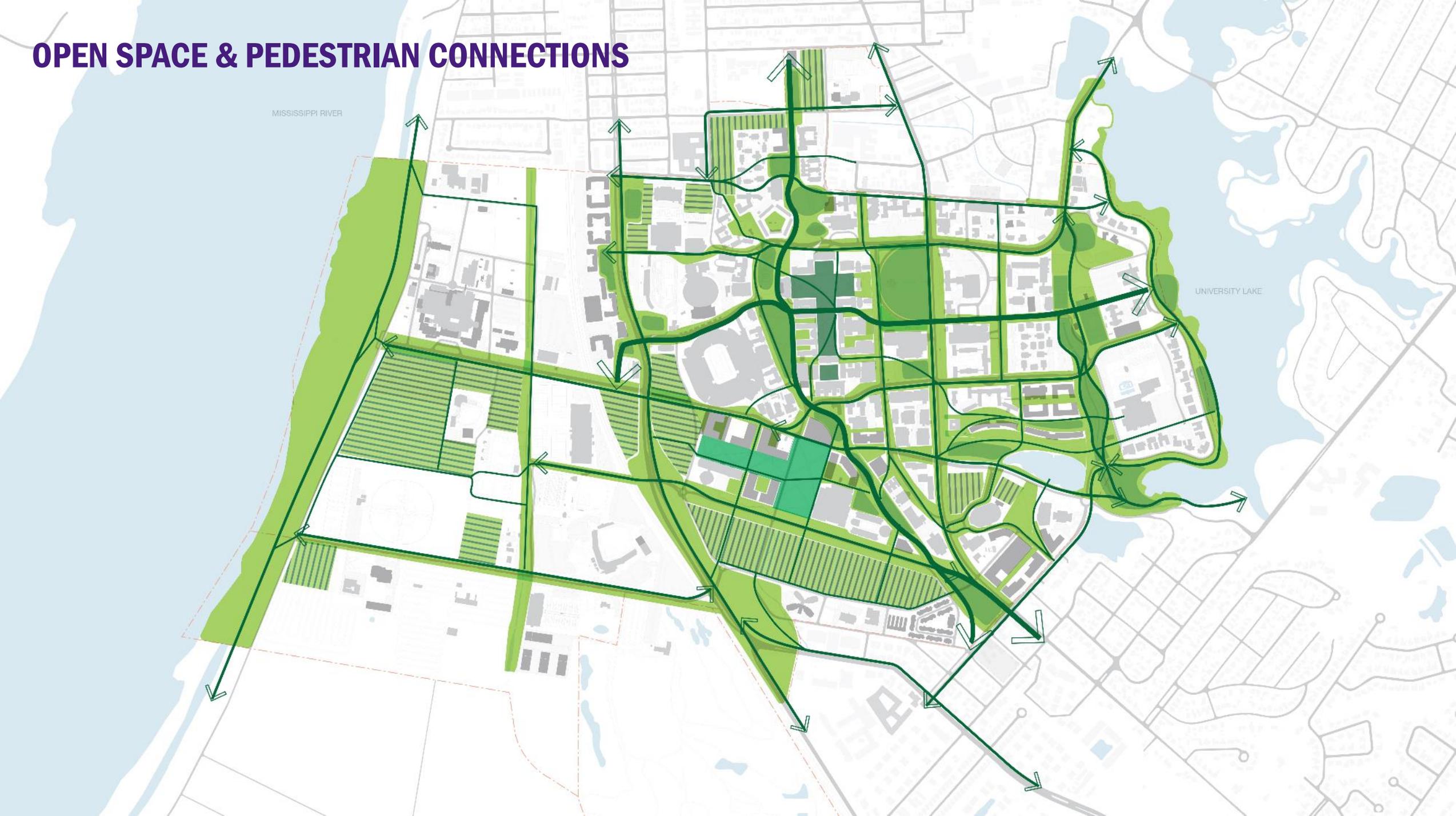
HIGHLAND SPINE

STUDENT SPINE

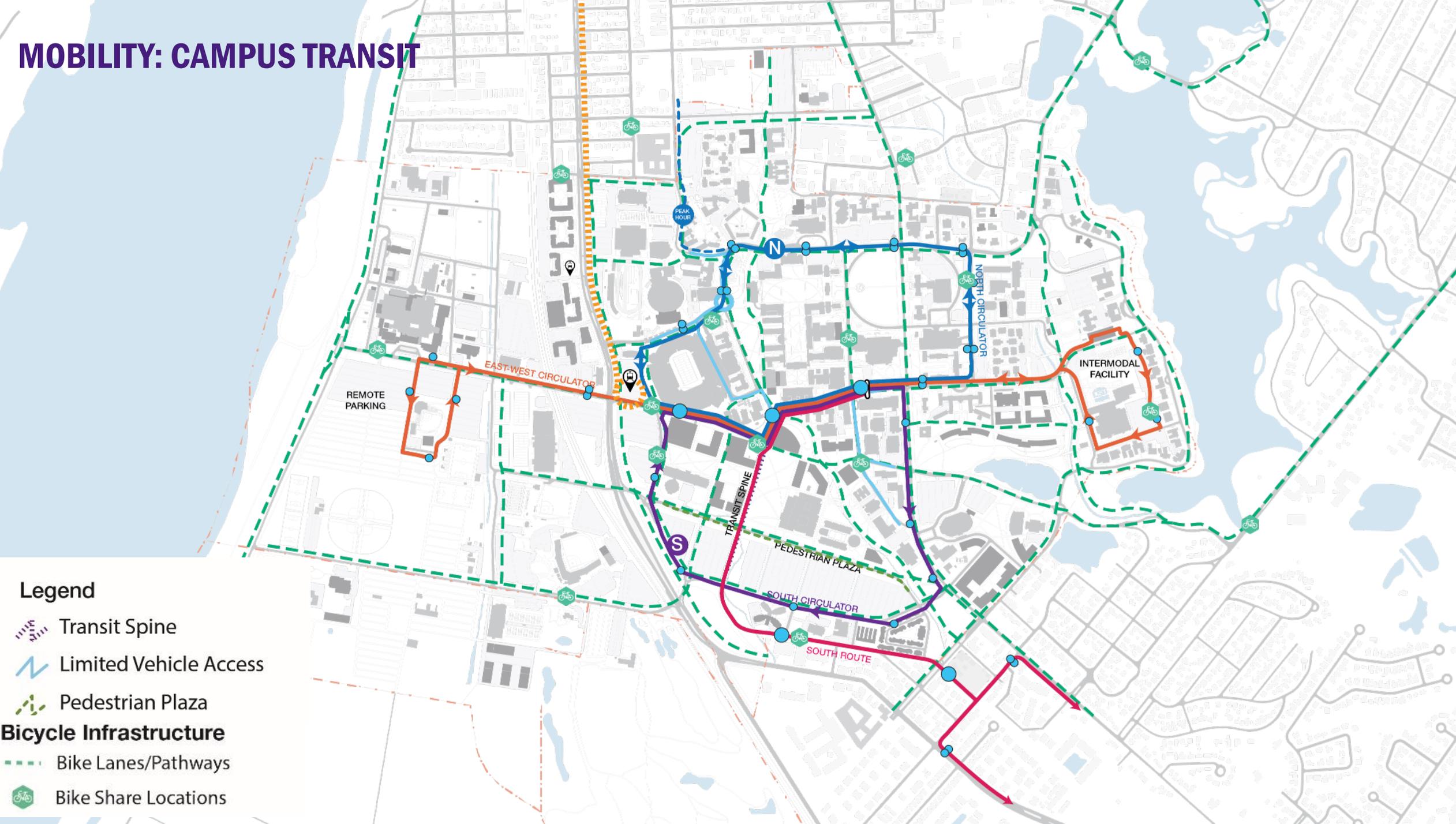
LAKEFRONT SPINE



OPEN SPACE & PEDESTRIAN CONNECTIONS



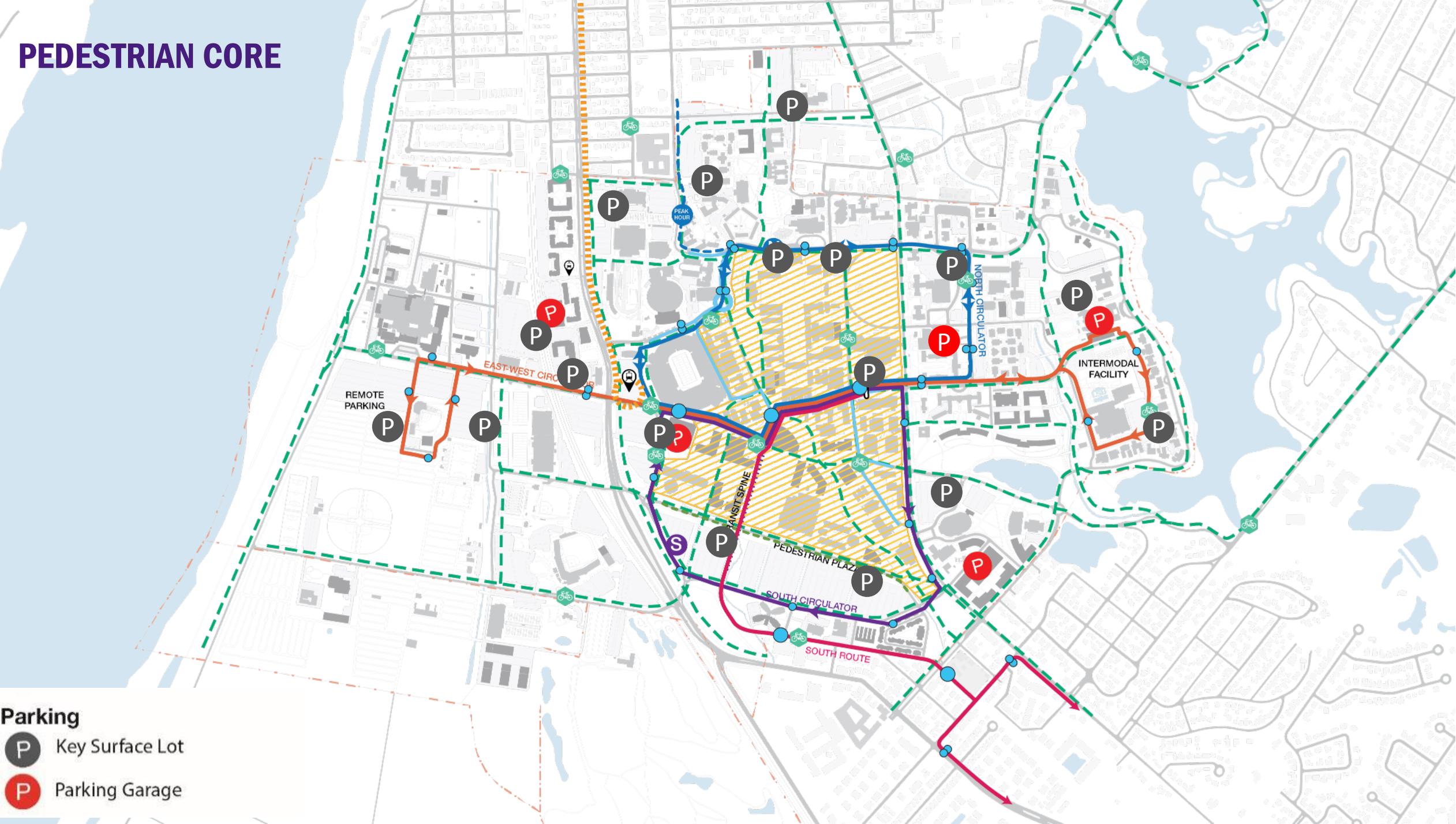
MOBILITY: CAMPUS TRANSIT



Legend

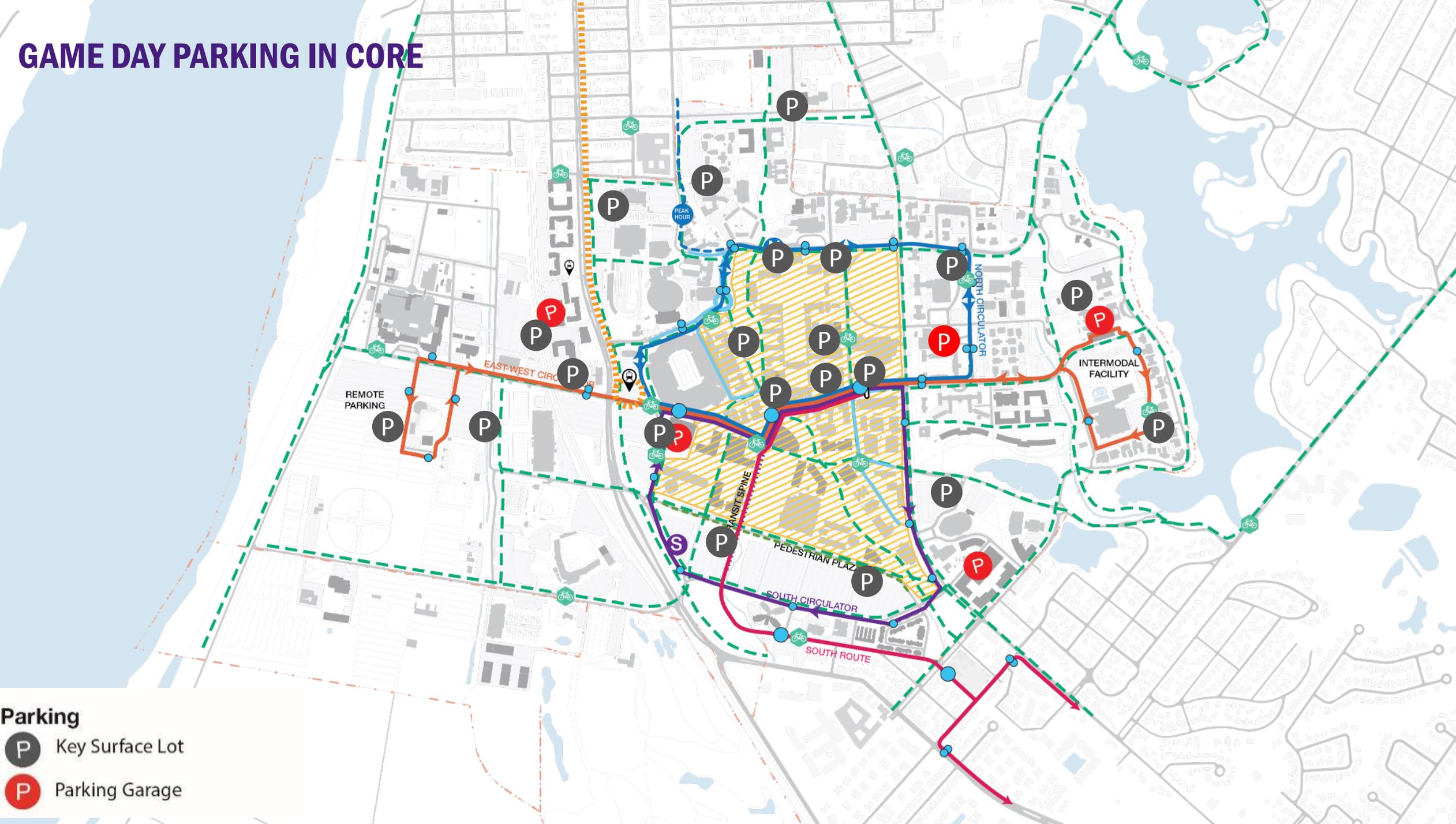
- Transit Spine
- Limited Vehicle Access
- Pedestrian Plaza
- Bicycle Infrastructure**
- Bike Lanes/Pathways
- Bike Share Locations

PEDESTRIAN CORE



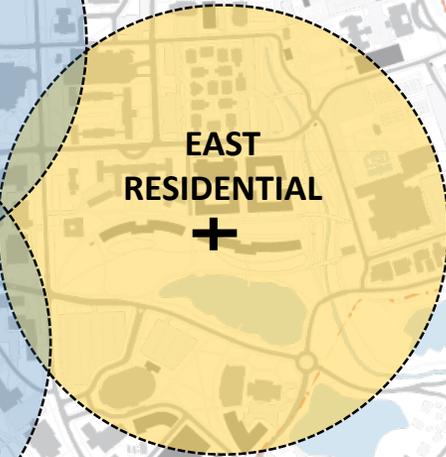
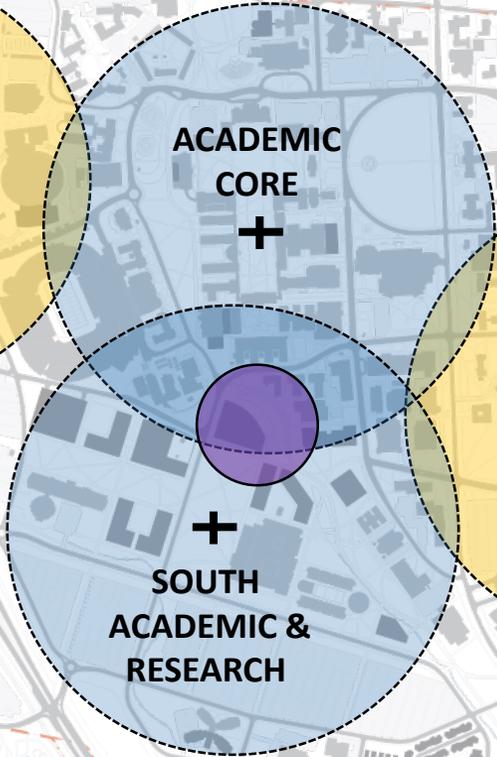
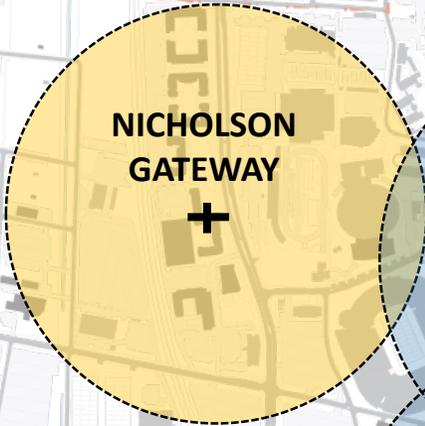
- Parking**
-  Key Surface Lot
 -  Parking Garage

GAME DAY PARKING IN CORE



- Parking**
-  Key Surface Lot
 -  Parking Garage

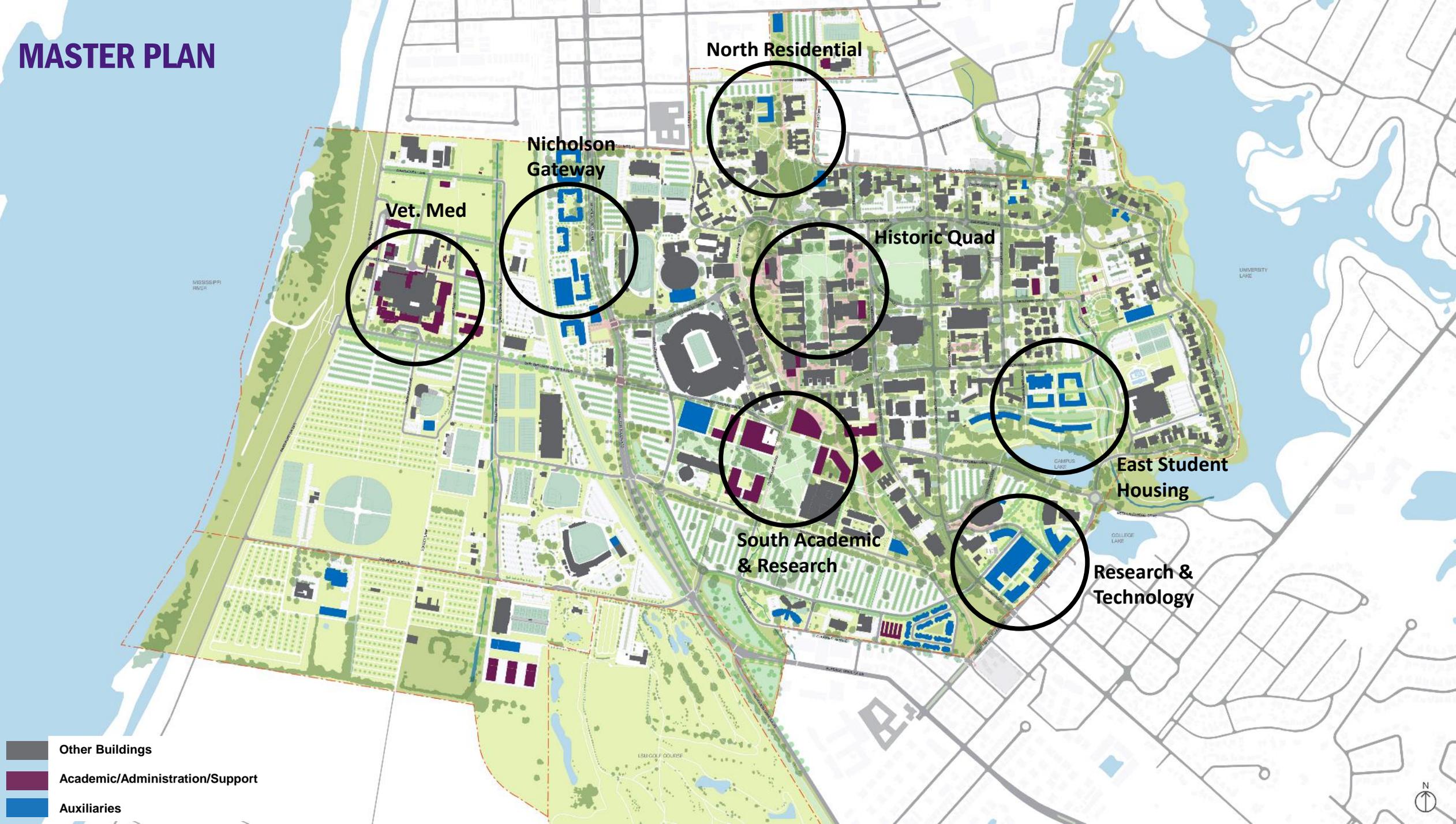
NEW CAMPUS CENTER



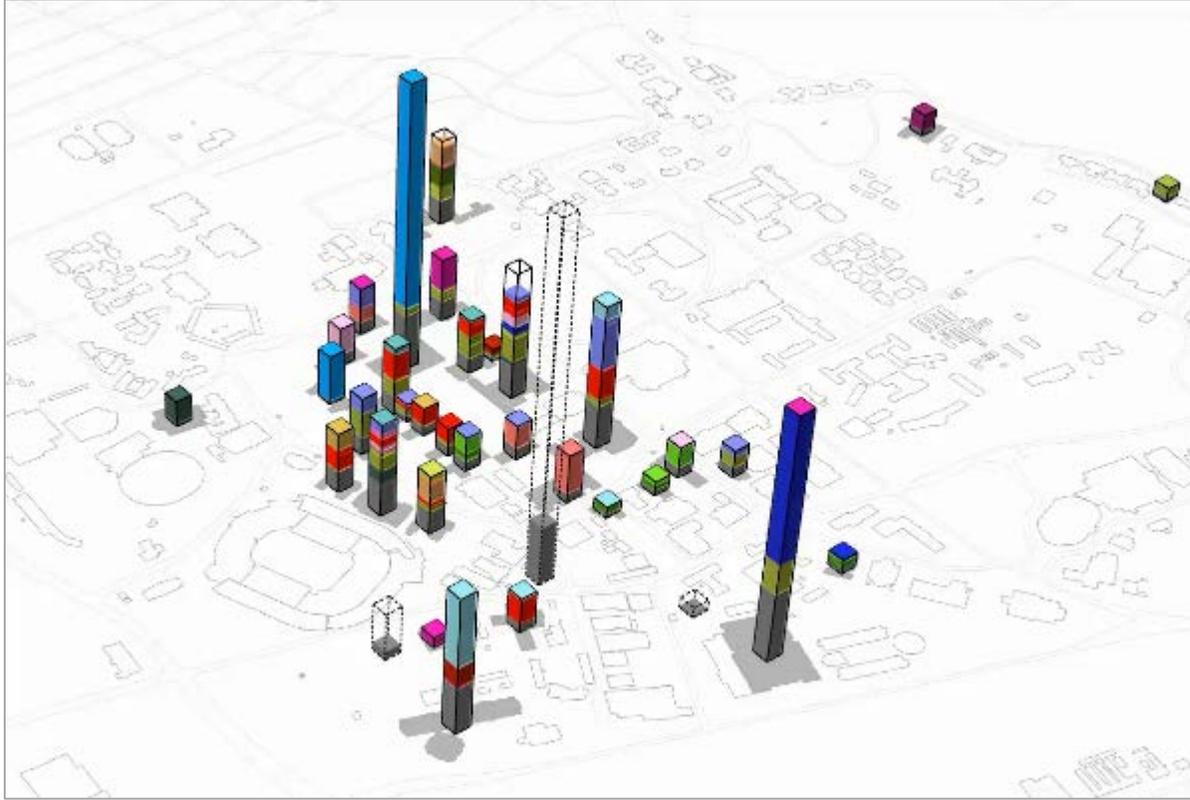
4 | MASTER PLAN RECOMMENDATIONS



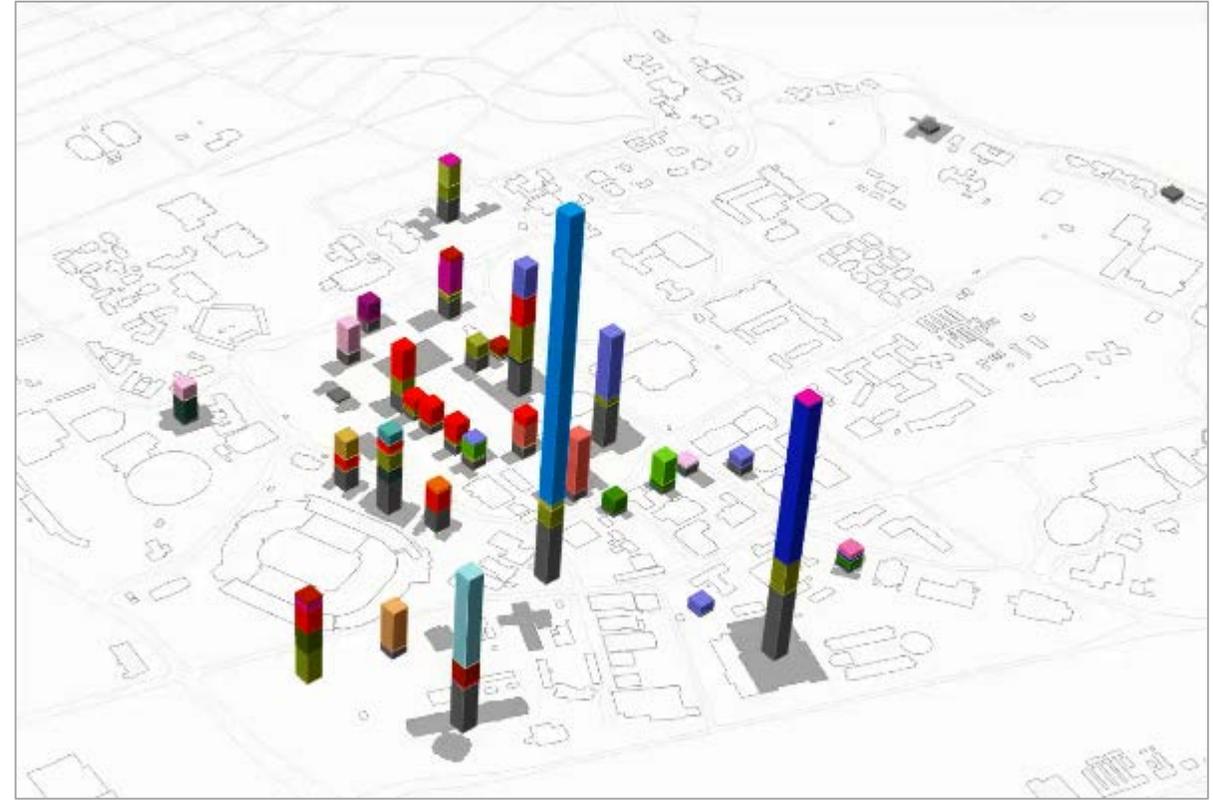
MASTER PLAN



CORE CAMPUS SPACE DEFRAGMENTATION

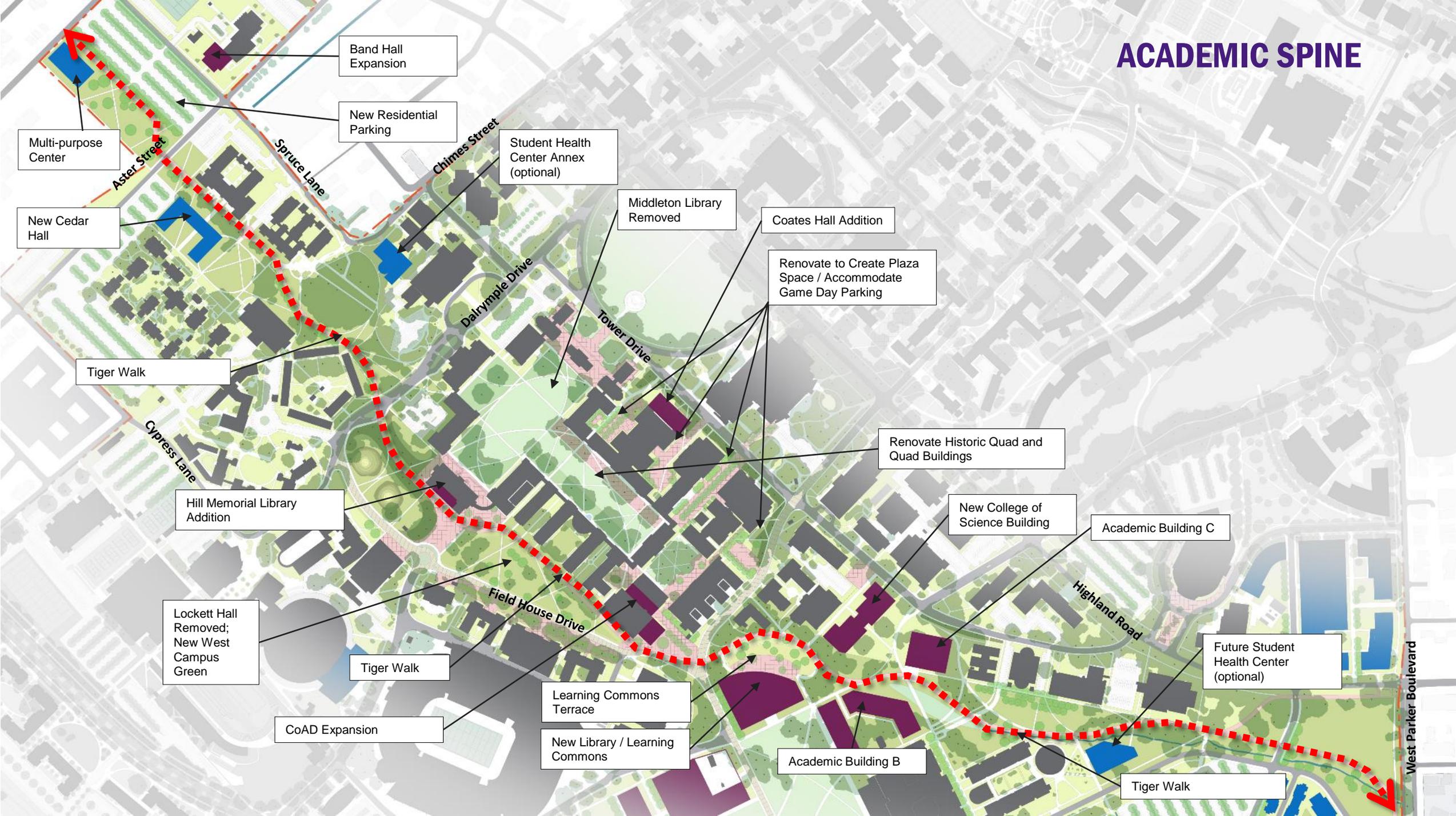


Current Condition



Defragmented Condition

ACADEMIC SPINE



Multi-purpose Center

New Cedar Hall

Band Hall Expansion

New Residential Parking

Student Health Center Annex (optional)

Middleton Library Removed

Coates Hall Addition

Renovate to Create Plaza Space / Accommodate Game Day Parking

Tiger Walk

Renovate Historic Quad and Quad Buildings

Hill Memorial Library Addition

New College of Science Building

Academic Building C

Lockett Hall Removed; New West Campus Green

Tiger Walk

Future Student Health Center (optional)

CoAD Expansion

Learning Commons Terrace

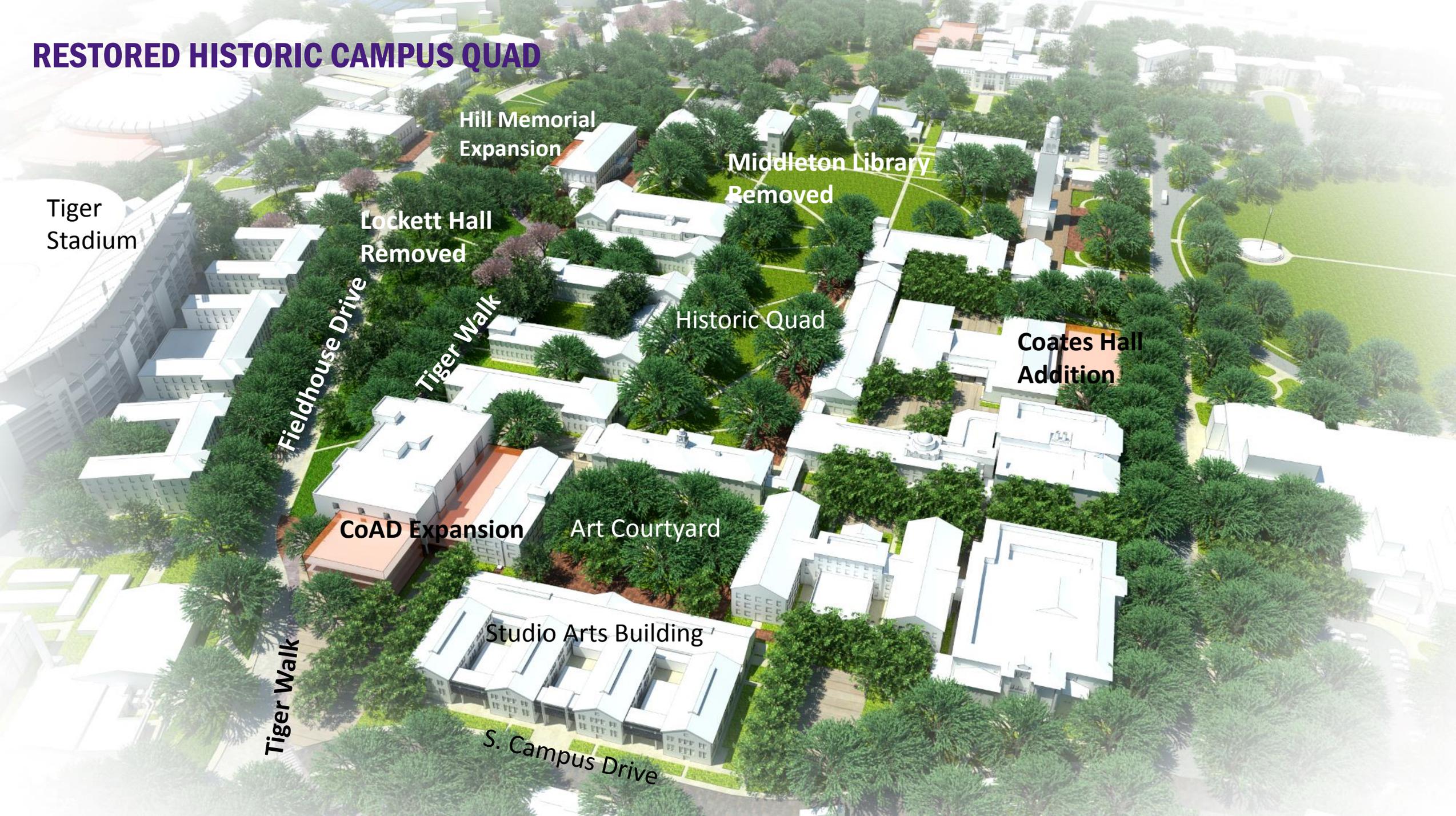
Academic Building B

New Library / Learning Commons

Tiger Walk

West Parker Boulevard

RESTORED HISTORIC CAMPUS QUAD



Tiger Stadium

Hill Memorial Expansion

Middleton Library Removed

Lockett Hall Removed

Historic Quad

Coates Hall Addition

Fieldhouse Drive

Tiger Walk

CoAD Expansion

Art Courtyard

Tiger Walk

Studio Arts Building

S. Campus Drive

RESTORED HISTORIC CAMPUS QUAD



Current Condition



Proposed Vision: Restored Historic Quad

RESTORING AND ACTIVATING HISTORIC CORE PLAZAS



**Current Condition:
Nicholson Hall Parking Lot**



Proposed Vision: Activated Nicholson Hall Plaza

ACTIVATING HISTORIC CORE PLAZAS ON GAME DAY



**Current Condition:
Nicholson Hall Parking Lot**



Proposed Vision: Activated Nicholson Hall Plaza

A NEW CAMPUS CENTER

Academic Building D

Academic Building A

New Library/
Learning Commons

Learning
Commons
Terrace

Academic
Building B

Tiger Walk

New College of
Science Building

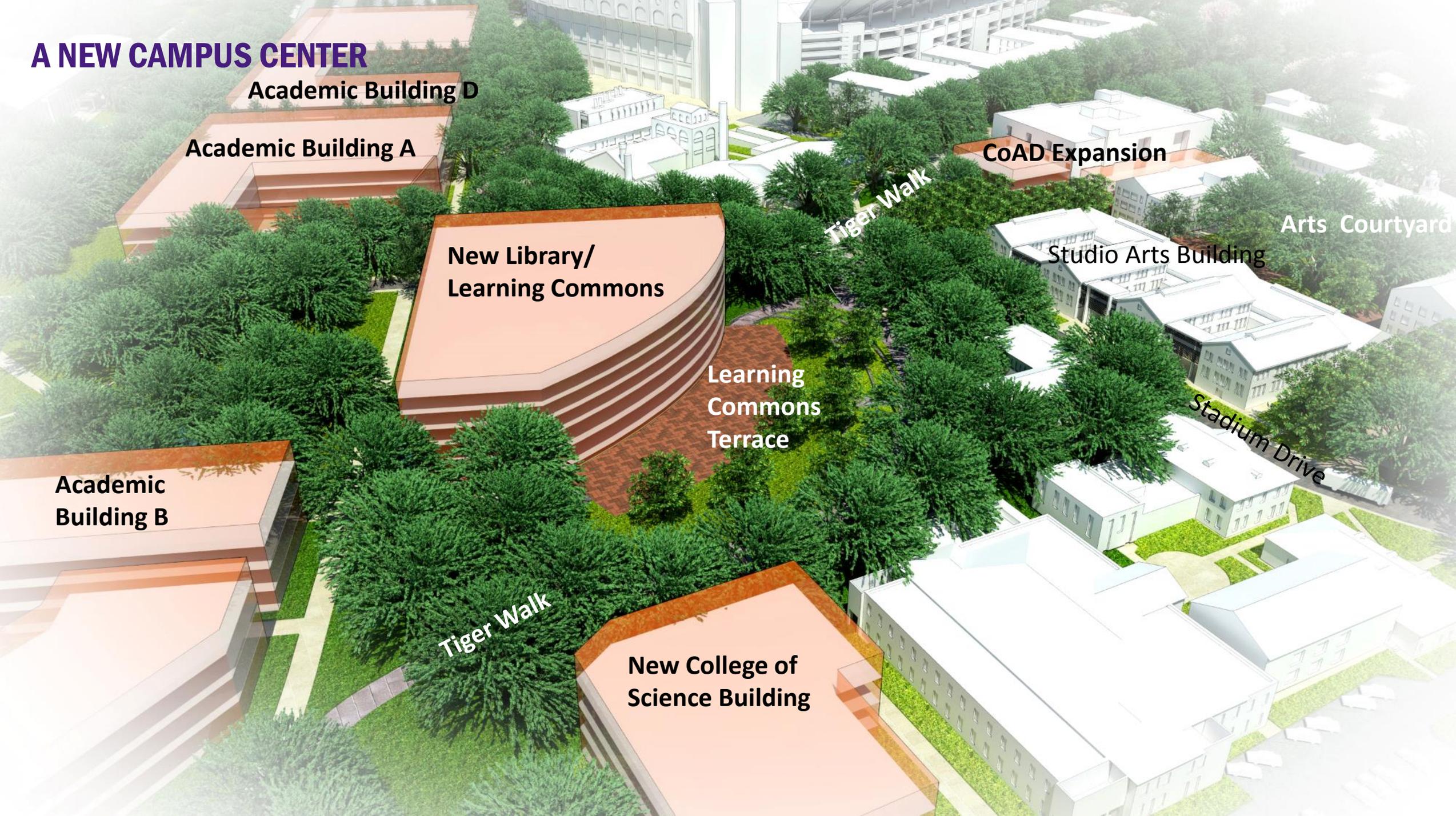
Tiger Walk

CoAD Expansion

Studio Arts Building

Arts Courtyard

Stadium Drive



NEW LEARNING COMMONS



Current Condition



Proposed Vision: Learning Commons Terrace

ENHANCED WEST CAMPUS GREEN

Memorial
Tower

Coates Hall
Addition

Historic Quad

Tiger
Stadium

Middleton Library
Removed

Tiger Walk

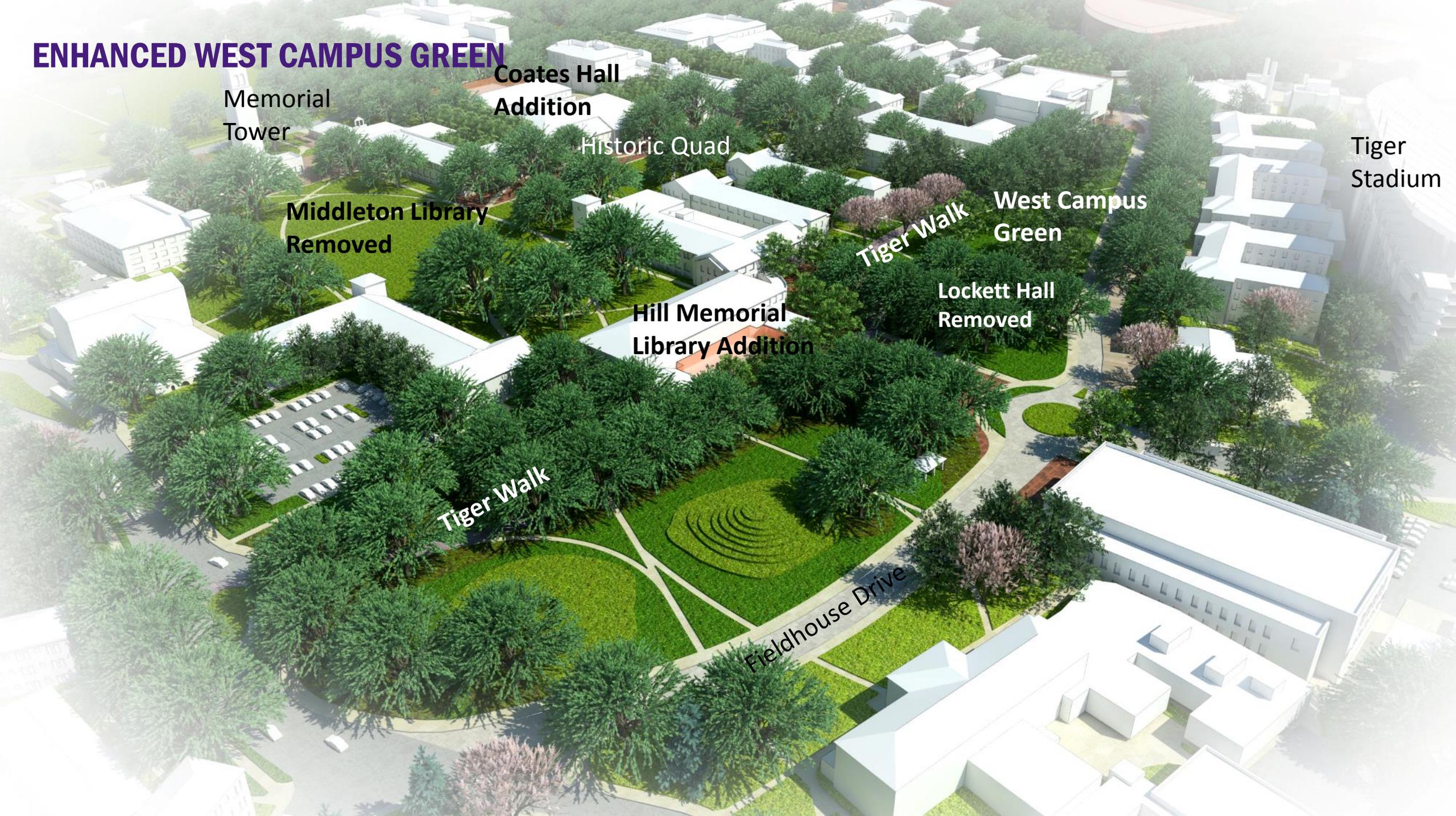
West Campus
Green

Lockett Hall
Removed

Hill Memorial
Library Addition

Tiger Walk

Fieldhouse Drive



WEST CAMPUS GREEN GAME DAY EXPERIENCE

Memorial
Tower

Coates Hall
Addition

Tiger
Stadium

Middleton Library
Removed

Tiger Walk

West Campus
Green Tailgating

Hill Memorial
Library Addition

Game Day Parking

Game Day Parking

Tiger Walk

Fieldhouse Drive

Game Day Parking



ENHANCED WEST CAMPUS GREEN



Current Condition



Proposed Vision: West Campus Green

WEST CAMPUS GREEN GAME DAY EXPERIENCE



Current Condition



Proposed Vision: West Campus Green – Game Day

EXAMPLE: PLEASANT HALL IMPROVEMENTS



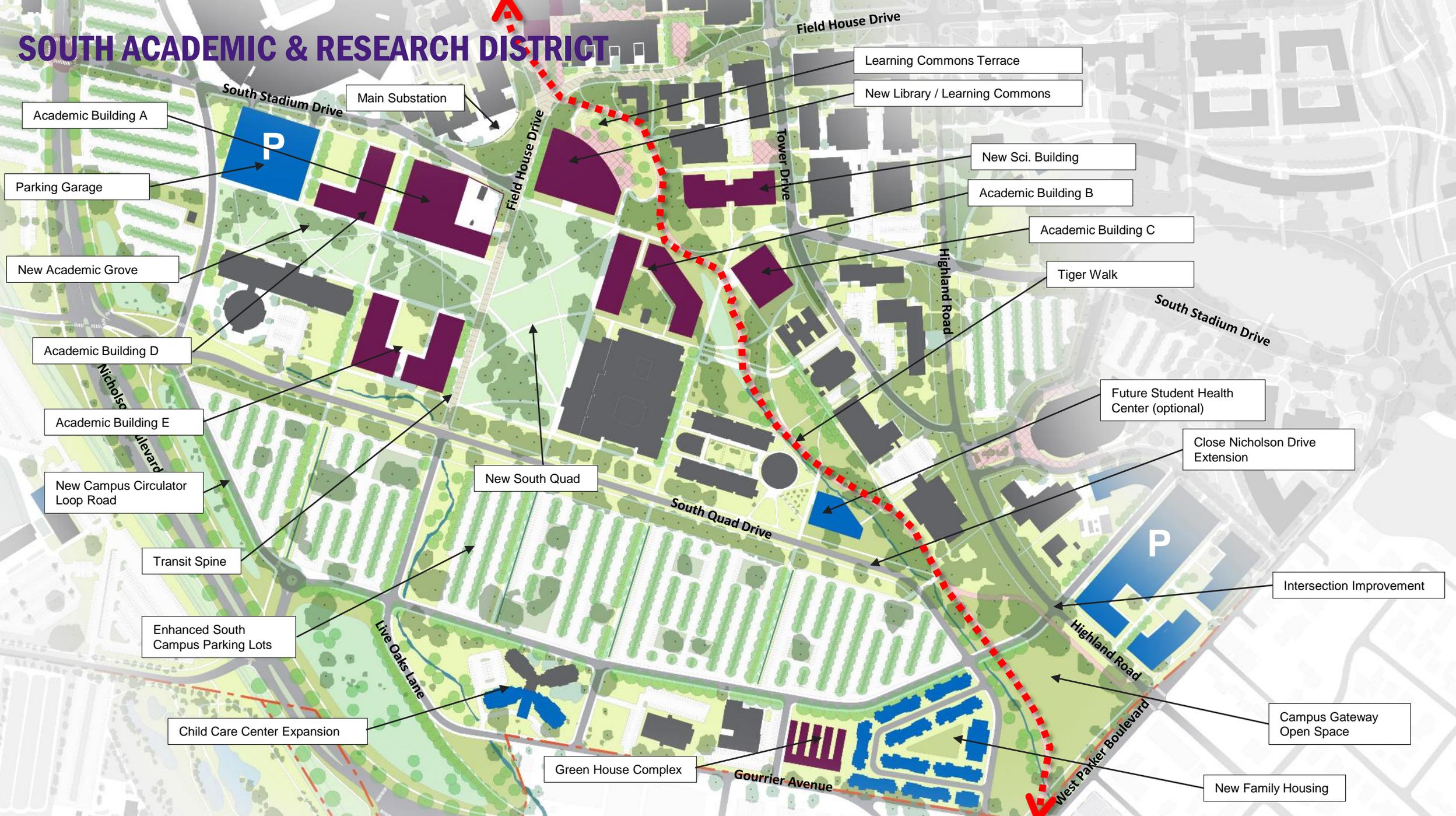
Before: Parking Lot



After: Enhanced Open Space & Parking



SOUTH ACADEMIC & RESEARCH DISTRICT



Academic Building A

Parking Garage

New Academic Grove

Academic Building D

Academic Building E

New Campus Circulator Loop Road

Transit Spine

Enhanced South Campus Parking Lots

Child Care Center Expansion

Main Substation

New South Quad

Green House Complex

Learning Commons Terrace

New Library / Learning Commons

New Sci. Building

Academic Building B

Academic Building C

Tiger Walk

Future Student Health Center (optional)

Close Nicholson Drive Extension

Intersection Improvement

Campus Gateway Open Space

New Family Housing

South Stadium Drive

Field House Drive

Field House Drive

Tower Drive

Highland Road

South Stadium Drive

South Quad Drive

Live Oaks Lane

Gourrier Avenue

Highland Road

West Parker Boulevard

NEW LEARNING COMMONS



Current Condition



Proposed Vision: Tiger Walk

NEW ACADEMIC GREEN



Academic Building C

Tiger Walk

Academic Building B

Patrick F. Taylor Hall

New Library/
Learning Commons

South Quad

South Quad Drive (Limited Access)

Academic Building A

Transit Spine

Academic Building E

Academic Building D

Academic Grove

ECE Building

Tiger Stadium

Parking Garage

NEW SOUTH GREEN

Tiger Stadium

New Library/
Learning Commons

New Science Building

Academic Building C

Academic Building D

Academic Building A

Academic Building B

Tiger Walk

Academic Grove

Patrick F. Taylor Hall

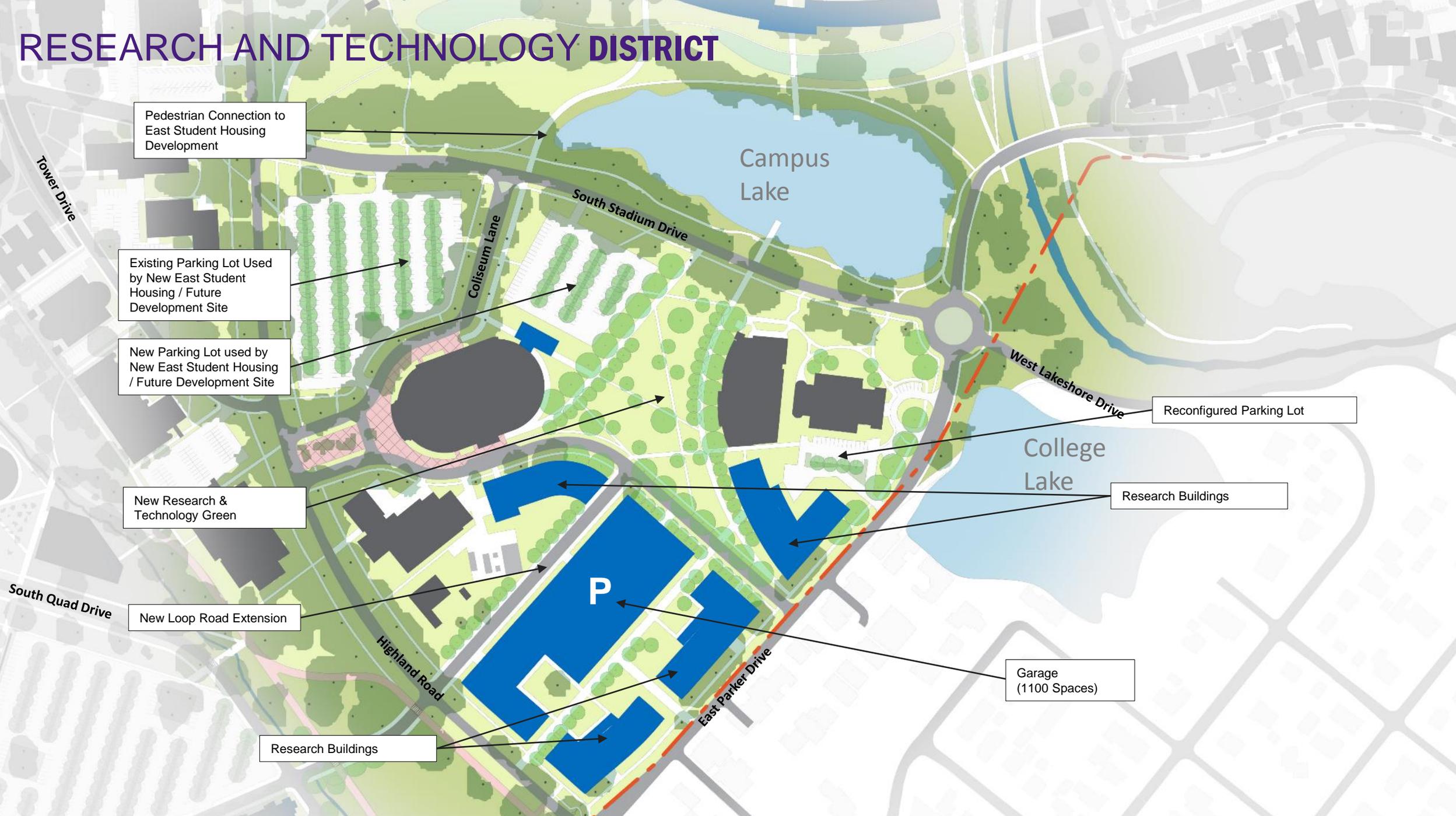
Academic Building E

South Quad

South Quad Drive (Limited Access)

South Parking Lots

RESEARCH AND TECHNOLOGY DISTRICT



Pedestrian Connection to East Student Housing Development

Existing Parking Lot Used by New East Student Housing / Future Development Site

New Parking Lot used by New East Student Housing / Future Development Site

New Research & Technology Green

New Loop Road Extension

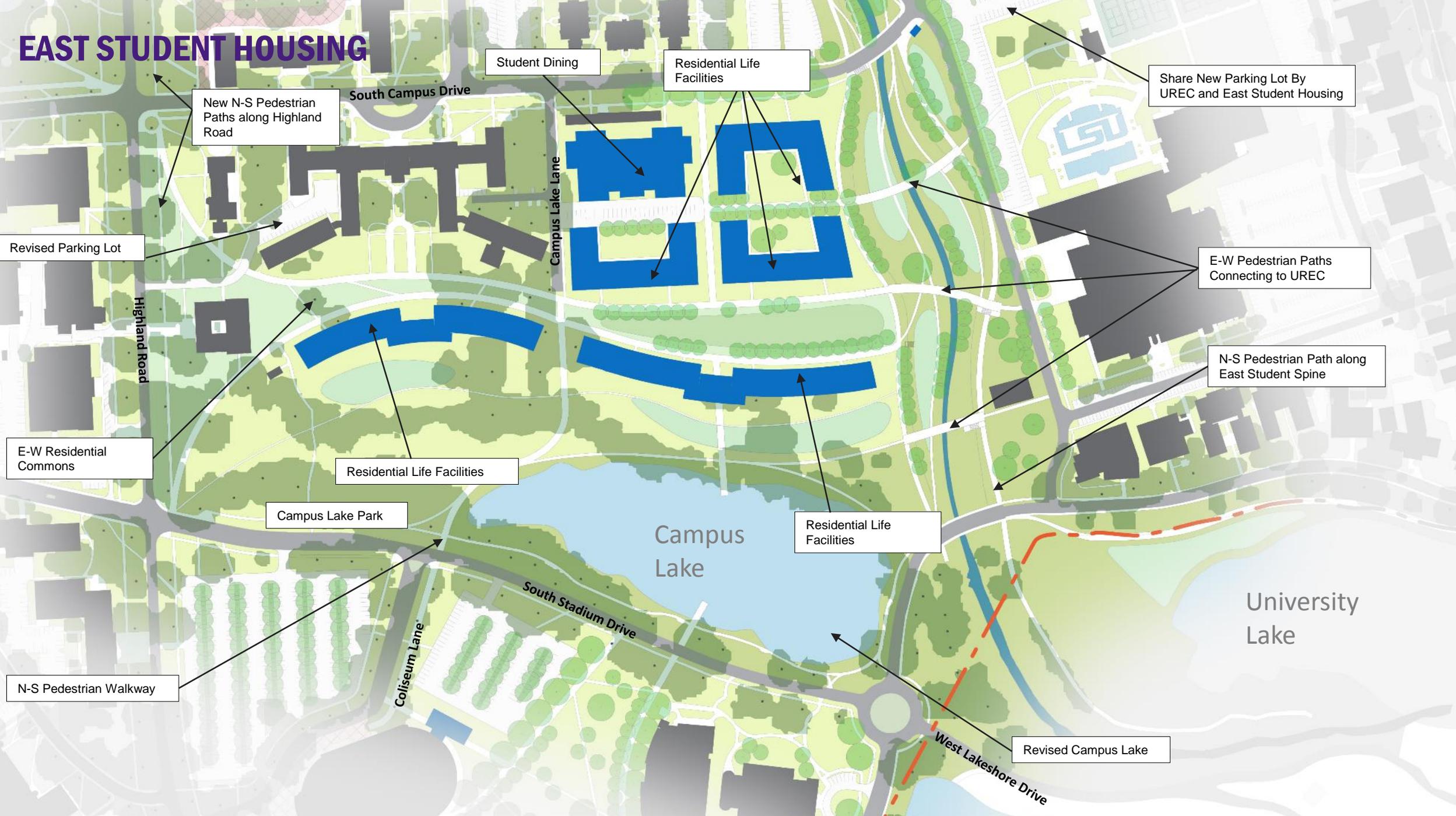
Research Buildings

Reconfigured Parking Lot

Research Buildings

Garage (1100 Spaces)

EAST STUDENT HOUSING



Student Dining

Residential Life Facilities

Share New Parking Lot By UREC and East Student Housing

New N-S Pedestrian Paths along Highland Road

Revised Parking Lot

E-W Pedestrian Paths Connecting to UREC

N-S Pedestrian Path along East Student Spine

E-W Residential Commons

Residential Life Facilities

Campus Lake Park

Residential Life Facilities

N-S Pedestrian Walkway

Coliseum Lane

University Lake

Revised Campus Lake

South Campus Drive

Campus Lake Lane

Campus Lake

South Stadium Drive

West Lakeshore Drive

EAST STUDENT HOUSING



South Campus Drive

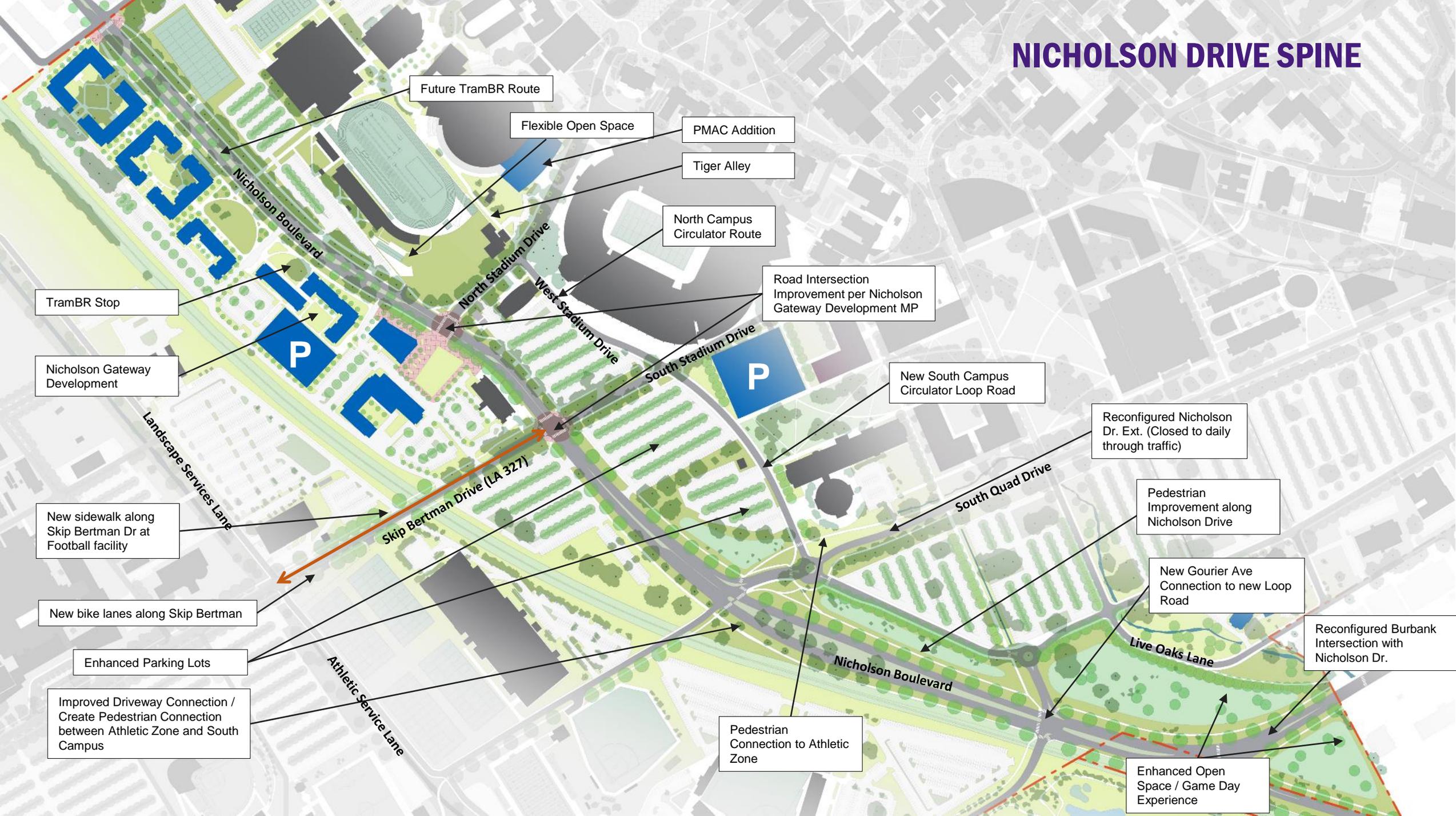
Veterans Drive

Corporation Canal

Campus Lake

UREC

NICHOLSON DRIVE SPINE



Future TramBR Route

Flexible Open Space

PMAC Addition

Tiger Alley

North Campus Circulator Route

Road Intersection Improvement per Nicholson Gateway Development MP

New South Campus Circulator Loop Road

Reconfigured Nicholson Dr. Ext. (Closed to daily through traffic)

Pedestrian Improvement along Nicholson Drive

New Gourier Ave Connection to new Loop Road

Reconfigured Burbank Intersection with Nicholson Dr.

Enhanced Open Space / Game Day Experience

TramBR Stop

Nicholson Gateway Development

New sidewalk along Skip Bertman Dr at Football facility

New bike lanes along Skip Bertman

Enhanced Parking Lots

Improved Driveway Connection / Create Pedestrian Connection between Athletic Zone and South Campus

Pedestrian Connection to Athletic Zone

Nicholson Boulevard

North Stadium Drive

West Stadium Drive

South Stadium Drive

South Quad Drive

Live Oaks Lane

Nicholson Boulevard

Landscape Services Lane

Athletic Service Lane

Skip Bertman Drive (LA 327)

WEST CAMPUS ZONE (North of Gourrier)

Vet. Med Master Plan

Canal System Improvement

New Road Per Vet Med Master Plan

Addition to Existing Vet Building

Future Clinic Buildings

New shared bike lanes along Skip Bertman

Enhanced Parking Lots

Warehouse Lane

Vet Lane

Vet East Lane

Landscape Services Lane

Nicholson Boulevard

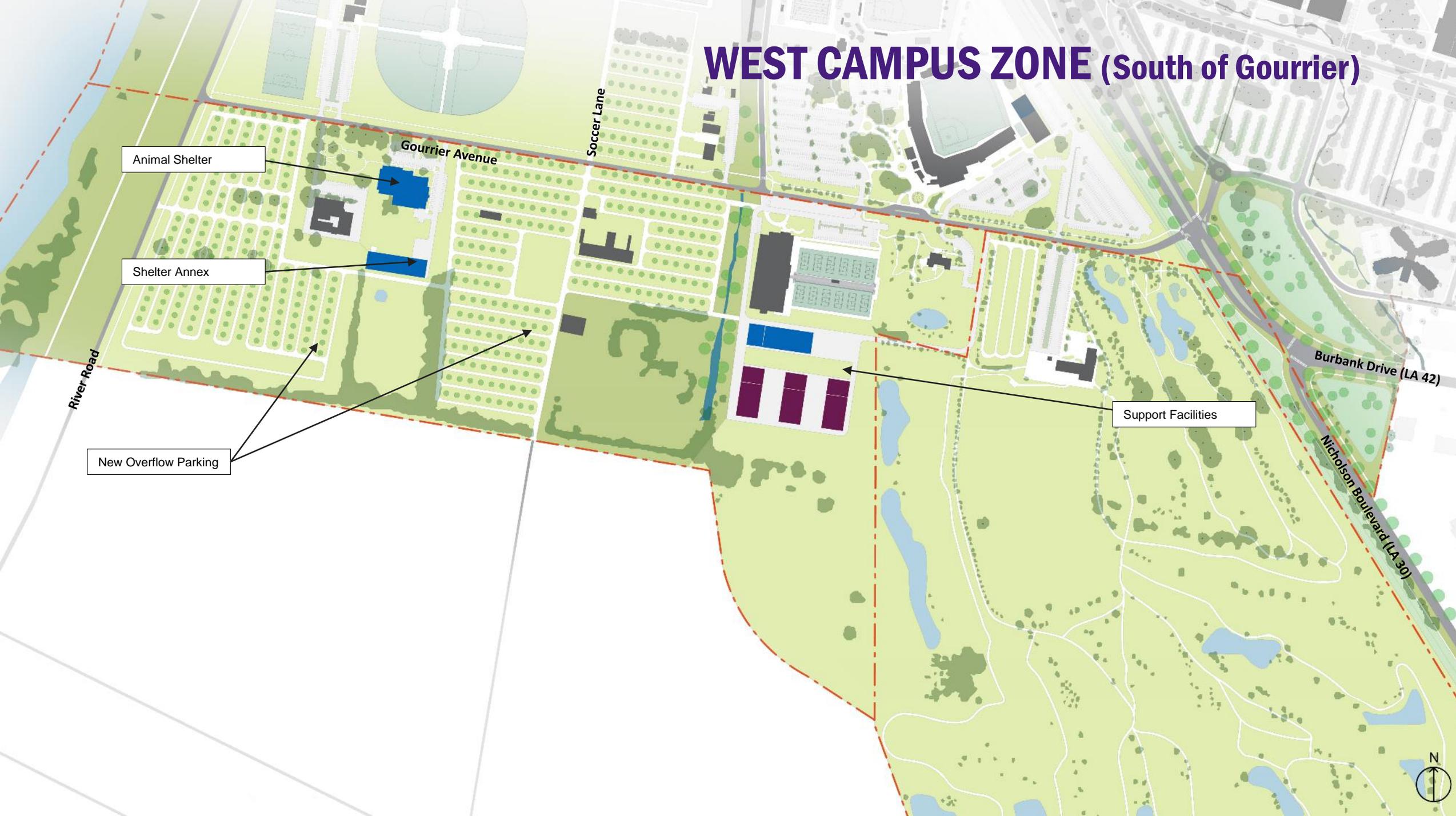
River Road

Skip Bertman Drive (LA 327)

P



WEST CAMPUS ZONE (South of Gourrier)



Animal Shelter

Shelter Annex

New Overflow Parking

Support Facilities

Gourrier Avenue

Soccer Lane

River Road

Burbank Drive (LA 42)

Nicholson Boulevard (LA 30)



MASTER PLAN



ADDITIONAL FUTURE GROWTH OPPORTUNITY



MASTER PLAN: Immersive Experience

(click on links below to experience 360 views)

West Quad:

Existing Condition: <https://kuula.co/post/7fQCq>

Future Vision normal day: <https://kuula.co/post/7l42N>

Future Vision game day: <https://kuula.co/post/7l425>

Historic Quad:

Existing Condition: <https://kuula.co/post/7frGK>

Future Vision: <https://kuula.co/post/7l42m>

Howe-Russell Quad:

Existing Condition: <https://kuula.co/post/7frmb>

Future Vision normal day: <https://kuula.co/post/7l42h>

Future Vision game day: <https://kuula.co/post/7l42L>

Library Hub:

Existing Condition: <https://kuula.co/post/7fQCC>

Future Vision: <https://kuula.co/post/7l4w3>

Canal walk:

Existing Condition: <https://kuula.co/post/7frmk>

Future Vision: <https://kuula.co/post/7l427>

5 | STRATEGIC CAPITAL PLANNING



MASTER PLAN VISION STATEMENT

Respecting the culture, heritage and diversity of Louisiana State University, this Comprehensive and Strategic Campus Master Plan will provide a practical and flexible framework that sustainably guides and integrates development and capital investment on the campus and in the community over the next decade and beyond. The Master Plan will support LSU's Flagship designation and will reinforce its status as a high performance, contemporary, research and living/learning environment....the Flagship of Flagship Universities.

COMPONENTS & STEPS FOR COMPLETION

Intent for Strategic Capital Plan:

- Generate a comprehensive long-term funding prioritization plan with a detailed sequencing and implementation plan for ALL campus development
 - Financial planning tool
 - Coordination, sequencing, and physical planning tool

COMPONENTS & STEPS FOR COMPLETION

Intent for Strategic Capital Plan:

- Generate a comprehensive long-term funding prioritization plan with a detailed sequencing and implementation plan for ALL campus development
 - Financial planning tool
 - Coordination, sequencing, and physical planning tool
- Establish an efficient sequence of projects, based primarily on academic priority and building condition

COMPONENTS & STEPS FOR COMPLETION

Intent for Strategic Capital Plan:

- Generate a comprehensive long-term funding prioritization plan with a detailed sequencing and implementation plan for ALL campus development
 - Financial planning tool
 - Coordination, sequencing, and physical planning tool
- Establish an efficient sequence of projects, based primarily on academic priority and building condition
- Establish integrated priorities (state and private funding) aligned with a strategic and common academic purpose

COMPONENTS & STEPS FOR COMPLETION

Completely comprehensive of all projected needs and aspirations

*** Public funds, Private funds, “Other” funds (all inclusive)**

Comprehensive of all needs and planned improvements, regardless of intended funded source or entity contracting for the work

- **Deferred Maintenance and Code Compliance:**
 - **Building Renovations**
 - **Demolition of high deferred maintenance needs buildings**
 - **Infrastructure needs – streets, parking, grounds, utilities, etc.**
 - **Life Safety Code and ADA compliance**
- **New Buildings and Streets**

COMPONENTS & STEPS FOR COMPLETION

A “Living” Strategic Capital Plan

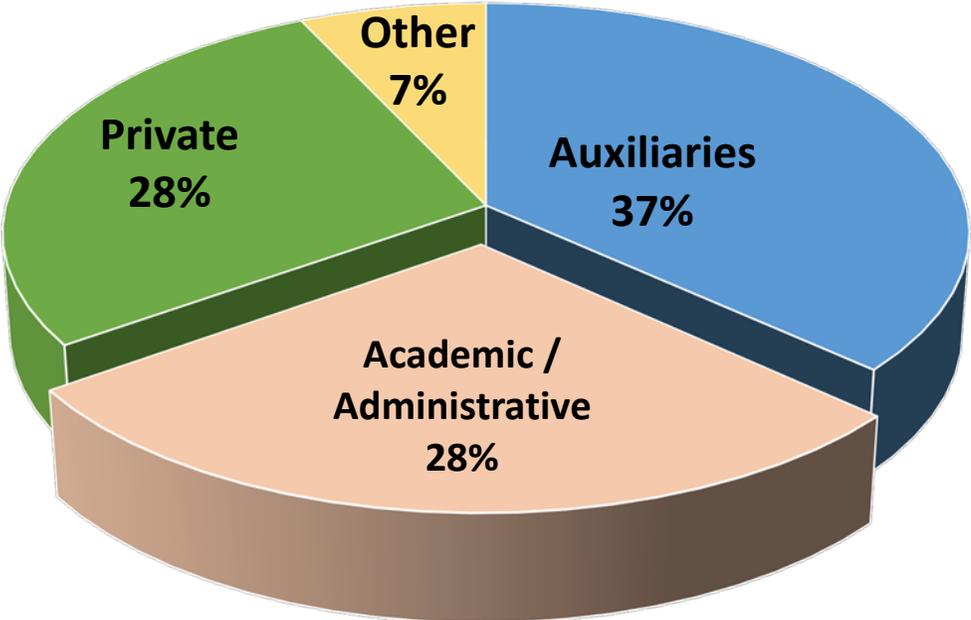
- * Develop a committee structure/governance model for oversight of the plan and priority determinations based on a decision making matrix
- * Annual strategic capital planning, which would meet at least annually to update the long-term plan and always reaching out to plan an additional year in the future

HISTORICAL DEVELOPMENT INFORMATION

Understanding the past to help plan for the future

CAPITAL PROJECT FUNDING SOURCE & PROJECT TYPES: FY 13 - FY 18

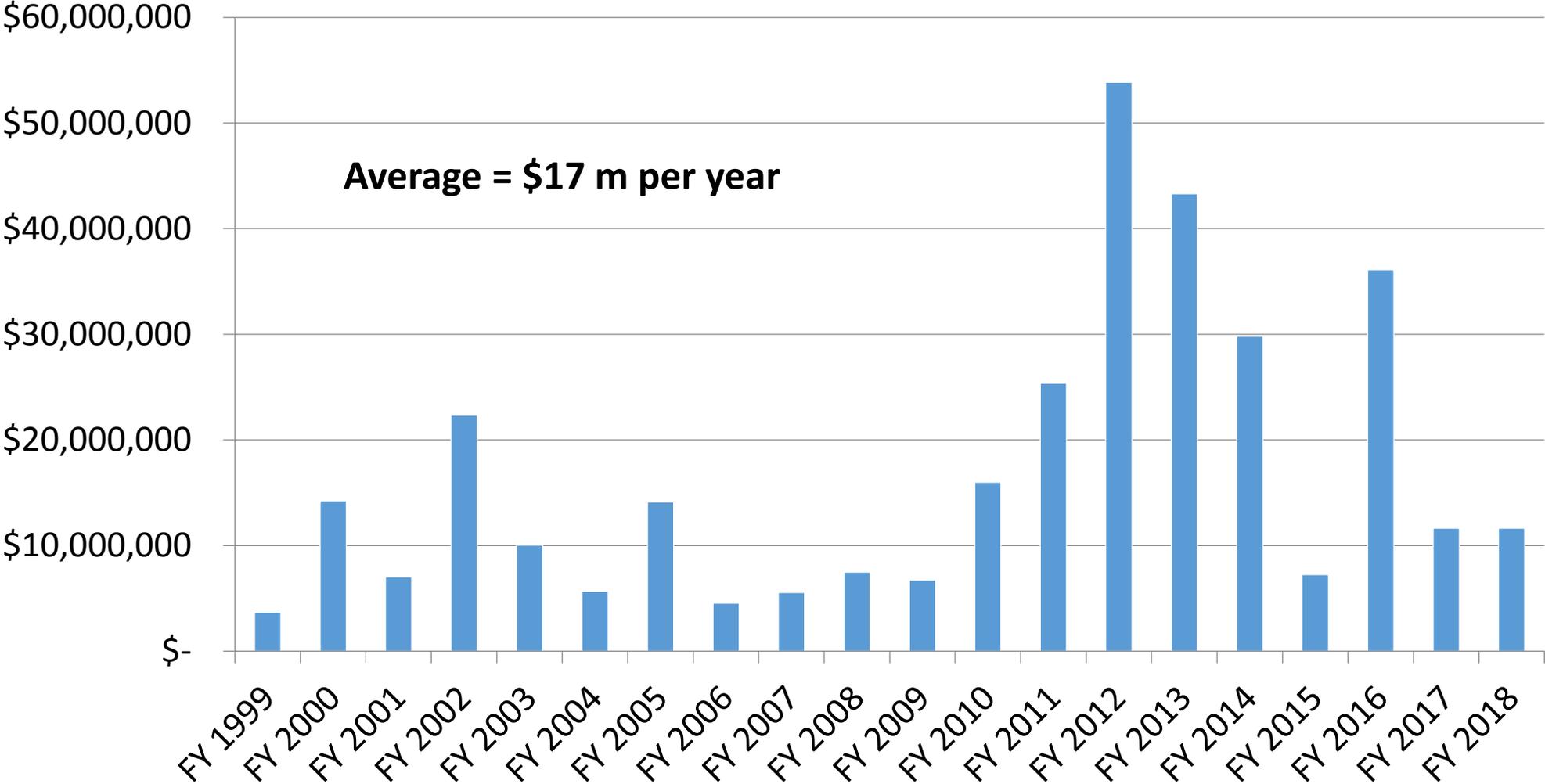
PROJECT FUNDING FY13-18 TOTALS



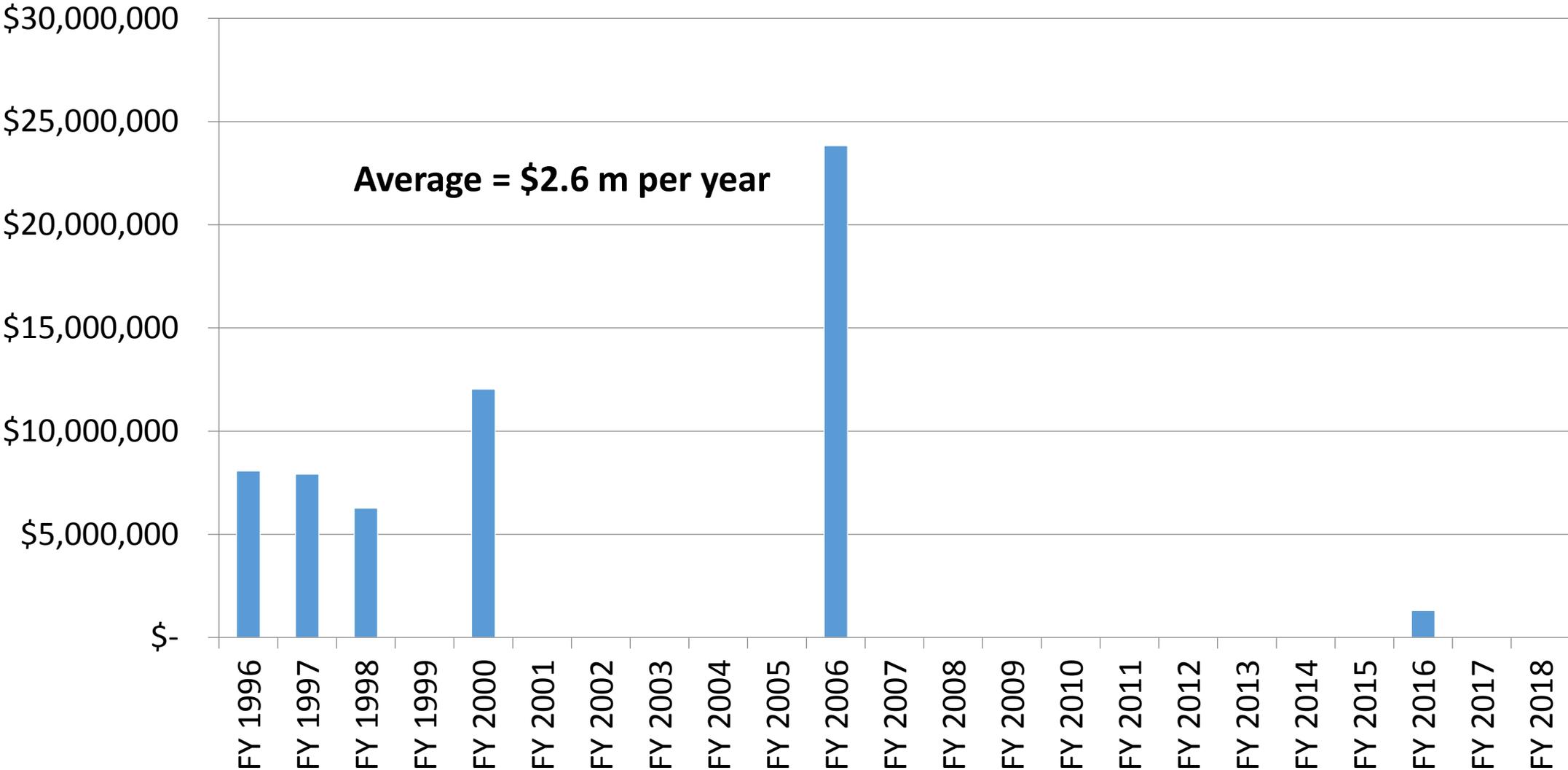
PROJECT FUNDING FY13-18 TOTALS			
Source	FY13-18 Totals	%	Count
Auxiliaries	\$283,933,479	37%	635
Academic / Administrative	\$221,246,657	28%	568
Private	\$214,829,285	28%	70
Other	\$54,374,794	7%	10

- 42% invested in the Academic campus from all sources
- 58% in Auxiliaries and Other

HISTORICAL LEGISLATIVE CAPITAL OUTLAY FUNDING

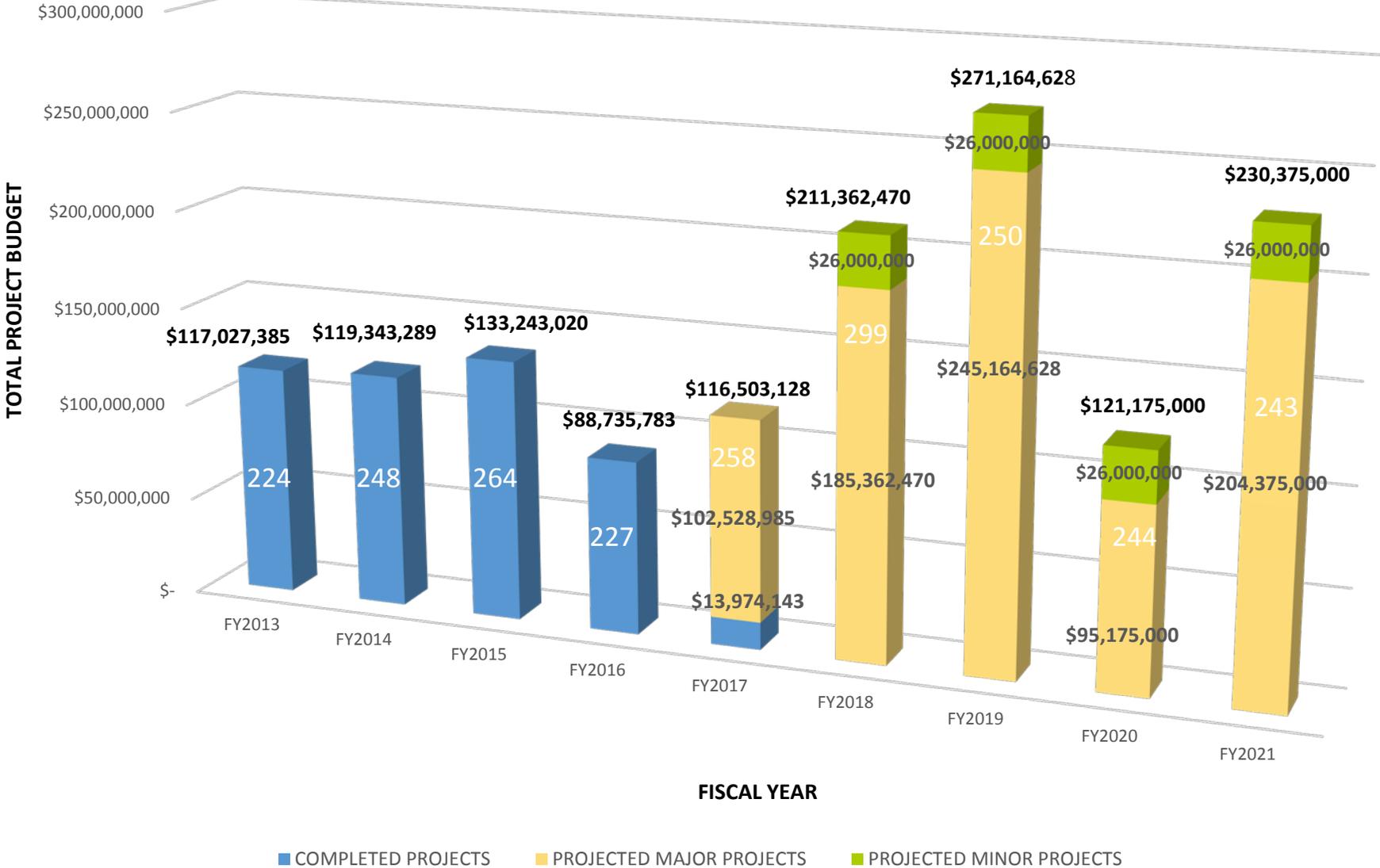


HISTORICAL LEGISLATIVE DEFERRED MAINTENANCE FUNDING



CAMPUS DEVELOPMENT: FY 13 – FY 21

March 2017



CAPITAL PROJECT HISTORICAL FUNDING STATISTICS

FY13- FY18

Total Project Expenditures	\$774 m
Average Annual Project Expenditures	\$131 m

FY18 - FY21

Total Project Budgets	\$834 m +
Average Annual Project Budgets	\$208 m +

Average Capital Outlay (GOB) per Year

Last 20 Years	\$17 m
Last 10 Years	\$24 m
Last 5 Years	\$26 m
Average Deferred Maintenance (20 yr.)	\$2.6 m

CAPITAL SITE PROJECTS: MASTER PLANNING (process)

BUILDING RELATED CAPITAL PROJECTS

I. RED GROUP A

- Huey P. Long - Col of HSE
 - Renovation and addition
 - Peabody - Partial Renovation
- Memorial Tower - Military Museum
 - Renovation and Plaza
- Studio Arts - Col of Design
 - Renovation
- Franciol - College of Ag
 - Renovation

II. RED GROUP B

- Off campus moves
 - NOBRT (includes LEO)
 - Center for Ag Ed / Hill Center
 - Unity Press
- Others
 - Remove Campus Storage
 - W. Rail Warehouse Storage north of Courtyard
 - Use as temporary space for Engineering with Lab (Lab, ER&D, Ag metal)
 - Future storage space

III. BLUE GROUP - A

- New Science Building - Phase 1 (Daily Science location only)
 - Relocate Daily Science (East of TRB) (likely not on campus site)
 - Demolish Existing Daily Science
- New Library / Learning Commons
 - Relocate/Demolish (Learning Commons ???)
 - Relocate/Demolish (can PH / Jesse Coates & Chem Lab, hold the lab?)
- New Sun Ju Quai / Transit Suite
 - Relocate/Remove Engineering Buildings
 - Relocate/Demolish (can PH / Jesse Coates & Chem Lab, hold the lab?)
- Pleasant Hill - east wing
 - Renovate
 - Disability
 - First year experience
 - Career
 - Flagship

- Johnson Hall
 - Renovate
 - Psychology
 - Philosophy & Religious Studies (over a space - final location Allen Hall)
- Asadlan Hall
 - Communication studies - permanent home
 - Large renovation w/ conversion of 4,000 sq ft classrooms to departmental space
- Coates Hall
 - Swing space (only if H.P. Long and Peabody are renovated) (or utilize HSS units, SHREWD and SLIS)
- Removals
 - All-in Renovation (Philosophy, Religious Studies, English, University College moves to Hutcherson and Science Deans office after the Science Building)
 - Prescott Renovation (Library relocates from James, Foreign Language labs remain (East Center and South), teach goes to new Science building or Hutcherson or Lockett)
 - Shibles Renovation (Sociology, Political Science remain)
 - Wooden Renovation (College of Agriculture remain)
- Renovate Main Quad enclosure after Demolishing Middleton
- Coates Hall
 - Renovate 4 Addition (swing space for central campus renovations, West Departmental permanently)
- New Parking Garage
 - Auxiliary Capital
 - Parking Services

III. BLUE GROUP - B

1. New Col of Science Building - Phase 2

- Demolish Tutwiler and Replace the classroom suites south here - maybe Coates
- Build Facility by services south of Courtyard
 - Move facility by services
 - Law School Renovation
 - Hill (Meyers) - Human Addition (after Library is built)
 - Humanities Center (optional) / US Deans Office
 - Grad Reading Room
 - Seminar Space

IV. YELLOWISH GREEN GROUP

- Demolish Lockett
 - Renovate West Quad
- New Interdisciplinary Research
 - Open Military Sciences / JOPRC
 - Library Facility by services
- New Building for Classroom / General Academic

V. PURPLE GROUP - A

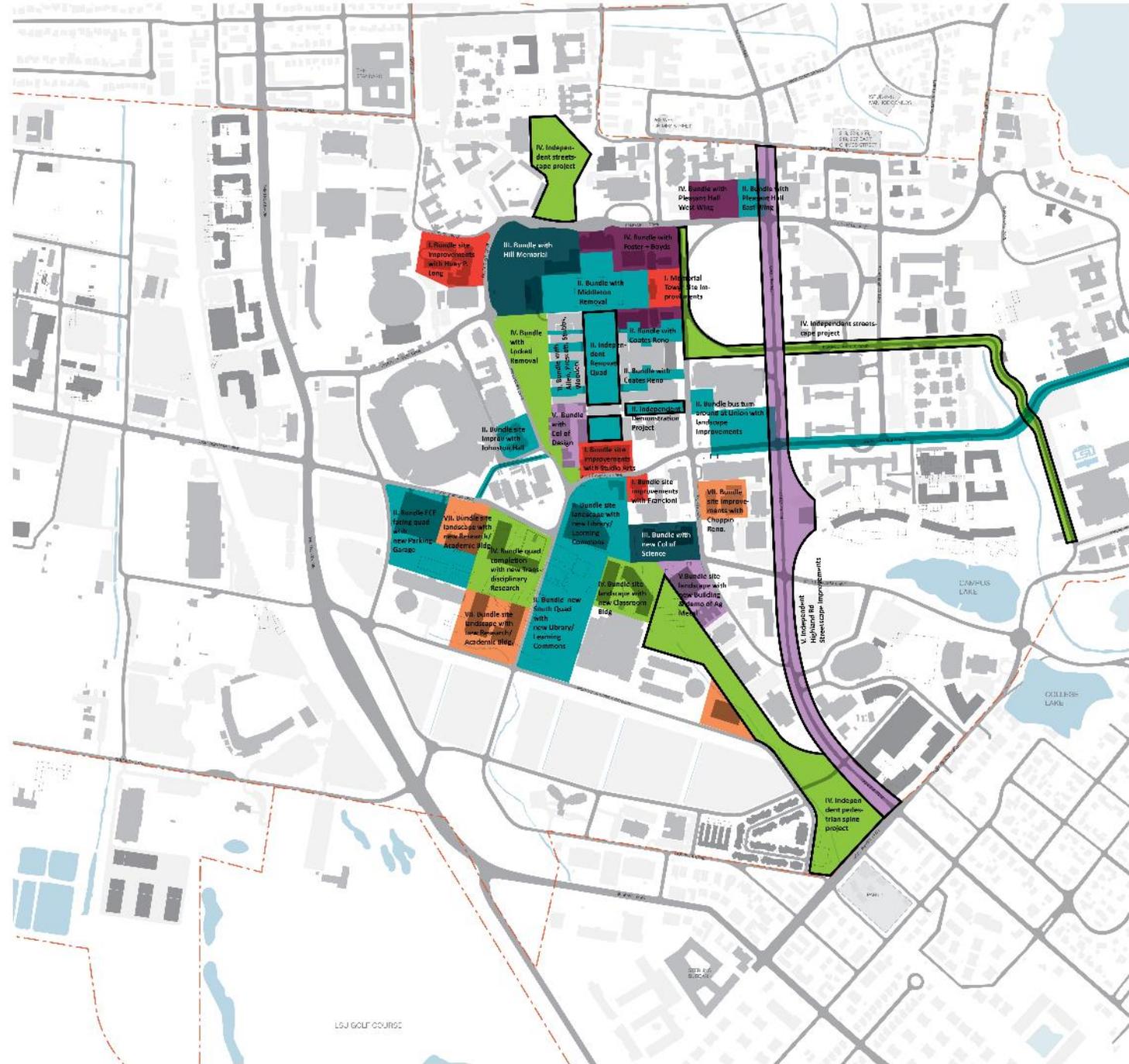
- Renovations
 - Renovate Col of Design (create Leifer studio space)
 - Renovate Nuclear Science (Nuclear Science moves to new Science Building)
 - Renovate Art Building
- Renovate Addition (possibly Architecture existing)
 - Humanities Center (opt out)
 - Artistic support
 - Student Success
- ECE Addition or Incorporation in existing ECE
 - See Grant
 - Wellness
 - Military Science
 - NOBRT
- New Building
 - LEAD
 - Renovate for Ag Engineering/Administration
- Hovey Russell (yes removal)
 - Historical Science Museum, Geography and Anthropology (NEM from Foster into Coates and Quad) Studies space (Hovey Russell), Geology goes completely to Hovey Russell East

VI. PURPLE GROUP - B

- Renovate Foster Hall
 - Student & Univ. Services
 - President and General Counsel, Board Km, Meeting Rooms
- Renovate T. Boyds
 - Finance and Admin
 - Provost
 - Student Life
 - Risk Management
- Renovate D. Boyd / Hines Hall
 - URSP
 - Grad School
 - OSP
 - Testing / Exam
 - Faculty Support
- Hoard Hall (will bring renovate)
 - Enrollment, Math
 - Student Aid
 - Experience LSU
 - Student Support
- UAR - Renovate
 - Procurement
 - Human Services

VII. ORANGE GROUP

- New Research / Academic Building
 - Relocate Safety Building to north of campus
- New Research / Academic Building
- New Academic Support Building
 - (Could be another option for Innovation Public Safety)
- Renovations (pending what ultimately get programmed in)
 - Renovation of 2nd Floor of Chemistry Materials
 - Renovation of Williams 2nd and 3rd floors
 - Chicago Renovation



CAPITAL ROADWAYS PROJECTS: MASTER PLANNING (process)

BUILDING RELATED CAPITAL PROJECTS

I. RED GROUP A

- Huey P. Long - Col of HSE
 - Renovation and addition
 - Peabody - Partial Renovation
- Memorial Tower - Military Museum
 - Renovation and Plaza
- Studio Arts - Col of Design
 - Renovation
- Francis - College of Ag
 - Renovation

II. BLUE GROUP B

- Off campus moves
 - NOBRT (includes LEO)
 - Center for Ag Ed / Hill Center
 - Utility Press
- Others
 - Remove Campus Storage
 - W. Rail Warehouse Storage north of Courtyard
 - Use as temporary space for Engineering 1st year (Lab, ERad, Ag metal)
 - Future storage space

III. BLUE GROUP - A

- New Science Building - Phase 1 (Daily Science location only)
 - Relocate Daily Science (East of TRB) (likely not on campus or street)
 - Demolish Existing Daily Science
- New Library / Learning Commons
 - Relocate/Demo Main Lib (1977)
 - Relocate/Demo Lib (can PH / Jesse Coates & Chem Lib, hold the labs?)
- New Su-Ju Quads / Transit Suite
 - Relocate/Transf Engineering Buildings
 - Relocate/Demo Facility Services
- Pleasant Hill - east wing
 - Renovate
 - Flexibility
 - First year experience
 - Curator
 - Flagship

- Johnson Hall
 - Renovate
 - Psychology
 - Philosophy & Religious Studies (over a space - final location Allen Hall)
- Asadlan Hall
 - Communication studies - permanent home
 - Large renovation w/ conversion of 4,000 sq ft of classrooms to departmental space
- Coates Hall
 - Swing space (only if H.P. Long and Peabody are renovated) (or utilize HSS units, SHREWD and SLIS)

- Removals
 - All-in Renovation (Philosophy, Religious Studies, English, University College moves to Hutcher and Science Deans office after the Science Building)
 - Prescott Renovation or library relocates from James, through Lang case labs remain (can Center and Sengul teach goes to new Science building or Hutcher or Lockett)
 - Shibles Renovation - Sociology, Political Science remain
 - Wooden Renovation - College of Agriculture remain
- Renovate Main Quad enclosure after Demolishing Middleton
- Coates Hall
 - Renovate 4 Addition: swing space for central campus renovations, with departmental permanent
- New Parking Garage
 - Auxiliary Capital
 - Parking Services

III. BLUE GROUP - B

- New Col of Science Building - Phase 2
 - Demolish Tutwood and Rebuild the classroom spaces south here - maybe Coates
- Student Facility Services south of Courtyard
 - Move facility services
- Law School Renovation
- Hill Meyer Hall - Main Addition (after Library is built)
 - Humanities Center (optional) / US Deans Office
 - Grad Reading Room
 - Seminar Space

IV. YELLOWISH GREEN GROUP

- Demolish Lockett
 - Renovate West Quad
- New Transdisciplinary Research
 - Open Military Sciences / JOPRC
 - Library Facility Services
- New Building for Classroom / General Academic

V. PURPLE GROUP - A

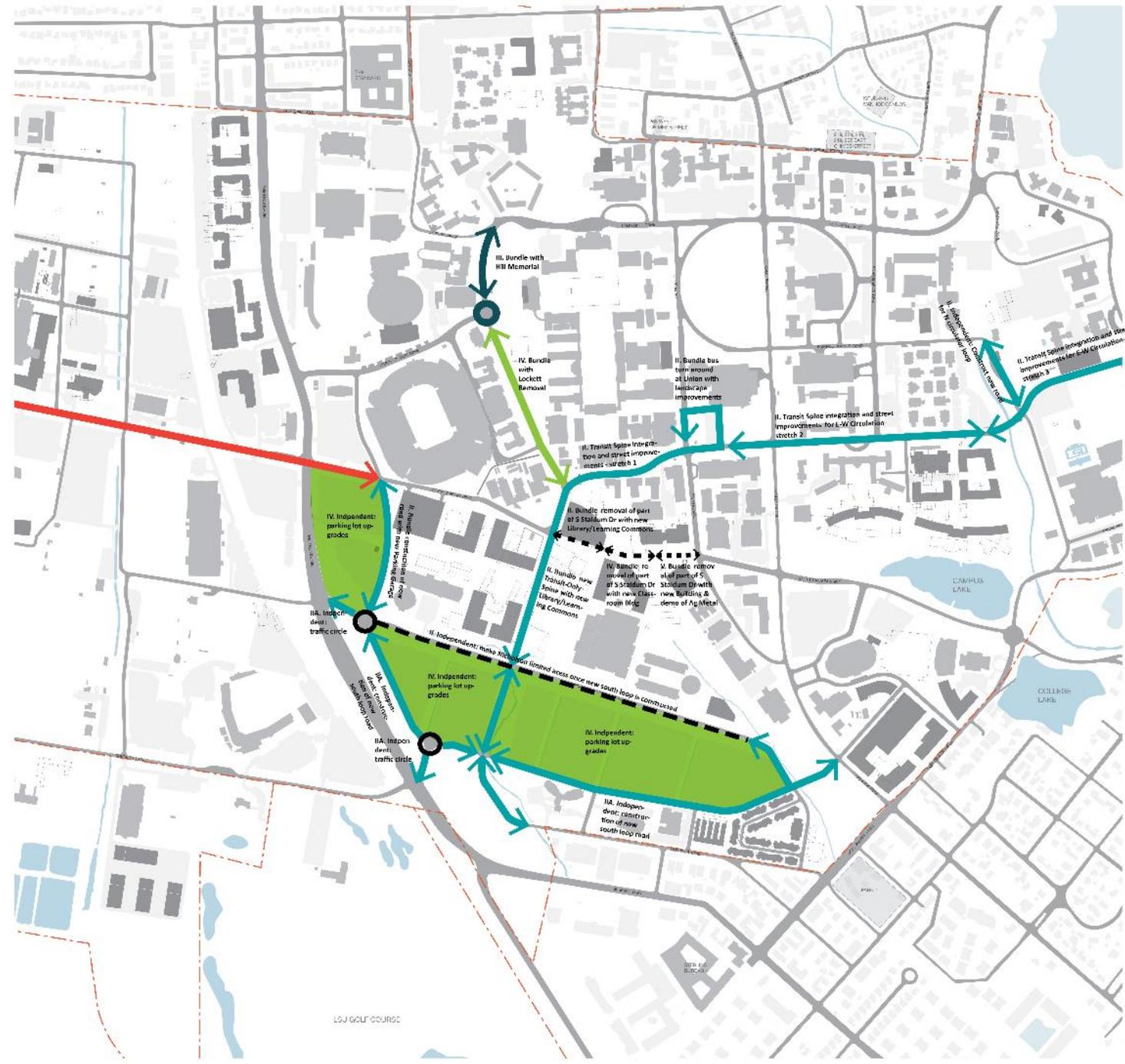
- Renovations
 - Renovate Col of Design (create Leifer studio space)
 - Renovate Nuclear Science (Nuclear Science moves to new Science Building)
 - Renovate Art Building
- Renovate Addition (possibly Architecture existing)
 - Humanities Center (opt out)
 - Artistic support
 - Student Success
- ECE Addition or Incorporation in existing ECE
 - See Grant
 - Wellness
 - Military Science
 - NOBRT
 - Renovate for Ag Engineering/Administration
- New Building
 - E-KAD
 - Renovate for Ag Engineering/Administration
- Huey P. Long West removal
 - Historical Science Museum, Geography and Anthropology (NEM from Foster to Coates and Quad) Studies space - Huey P. Long, Geology goes completely to Huey P. Long East

VI. PURPLE GROUP - B

- Renovate Foster Hall
 - Student & Univ. Services
 - President and General Counsel, Board Km, Meeting Rooms
- Renovate T. Boyce
 - Finance and Admin
 - Provost
 - Student Life
 - Risk Management
- Renovate D. Boyd / Hines Hall
 - URSP
 - Grad school
 - OSP
 - Testing / Exam
 - Faculty Support
- Hosmer Hall west wing renovation
 - Enrollment, Math
 - Student Aid
 - Experience LSU
 - Student Support
- UAR - Renovate
 - Procurement
 - Human Services

VII. ORANGE GROUP

- New Research / Academic Building
 - Relocate Safety Building to north of campus
- New Research / Academic Building
- New Academic Support Building
 - (Could be another option for Innovation Public Safety)
- Renovations (pending what ultimately get programmed in)
 - Renovation of 2nd Floor of Chemistry Materials
 - Renovation of Williams 2nd and 5th floors
 - Chicago Renovation



CAPITAL PROJECTS: PHASING/SEQUENCING STRATEGY

Capital Projects- Phase 1- Stand Alone (no enabling projects)

Renovations ; New Buildings; Demolitions

Core Campus Moves (to Research Technology District, Innovation Park, Res. Life Bldg., Off Campus)

Warehouse Facilities

Capital Projects – Phase 2 (dependent on enabling projects)

Capital Projects – Phase 3 (dependent on enabling projects)

Capital Projects – Phase 4 (dependent on enabling projects)

Capital projects – Phase 5

Capital Projects- Phase 6 – (Additional Renovation Projects)

Capital Projects- Phase 1- Stand Alone (no enabling projects)

Tag# Description

- (1) **Huey P. Long** – College of HSE
Renovation and Addition- PHASED
Peabody Partial Renovation
- (6) **New Parking Garage**-Auxiliary Capital Parking Services
- (7) **Facility Services** – FAS
Relocation south of **Gourier**/ Demolish
- (8) **Law School** Renovations
PHASED renovations
- (9) **Hill Memorial Renovation/Addition**- College of HSS or Libraries
Occupants: HSS Humanities Ctr. or Special Collections
- (10) **Ingram** College of Engineering
Renovation
Occupants: Ag Engineering
- (11) **Chopin, Williams, Chemistry & Materials**- College of Science
PHASED Renovation and Addition
- (12) **Dalrymple**- College of AG
Renovation
- (13) **Audubon Sugar Factory**- Administration
Renovation
- (14) **Dodson Hall**- All Campus
Renovation- Classroom
- (15) **Old Food Science**- College of
Renovation

Core Campus Moves (to Re

- (16) **NCBRT** Relocates
- (17) **Cont. Ed.** Relocates
- (18) **University Press** Relocates

Capital Projects – Phase 2

- (26) **New Transdisciplinary Research Building** (first building)- All Colleges
New Construction
Occupants: Military Science, **CoCE** groups in Howe Russell, other units
- Enabling Projects:**
 - (7) Relocate Facility Services/ Demolish
 - (13) Audubon Sugar Factory Renovation
- (27) **New Science Building Phase 1**- College of Science
- Enabling projects:**
 - (24) Dairy Science relocation/ Demolition
- (28) **New Library**- All Colleges
- Enabling projects:**
 - (22) **Mansfield** Research Building Demolition
 - (23) EE Building Demolition
- (29) **New South Quad Transit spine**

Capital projects – Phase 5

- (47) **T. Boyds**- Administration
PHASED Renovation
Occupants: FAS, Provost, Student Life, Diversity, Strategic Communications.
- Enabling Projects:**
 - (38) (39) Pleasant Hall renovation, West and East
 - (20) Remote Campus Storage
 - (46) University Administration Building renovation

Capital Projects- Phase 6 – (Additional Renovation Projects)

- (48) **Faculty Club**- Administration/ Academic
- (49) **HD Wilson**- AG Center
- (50) **JC Miller**- AG Center
- (51) **Knapp Hall**- AG Center

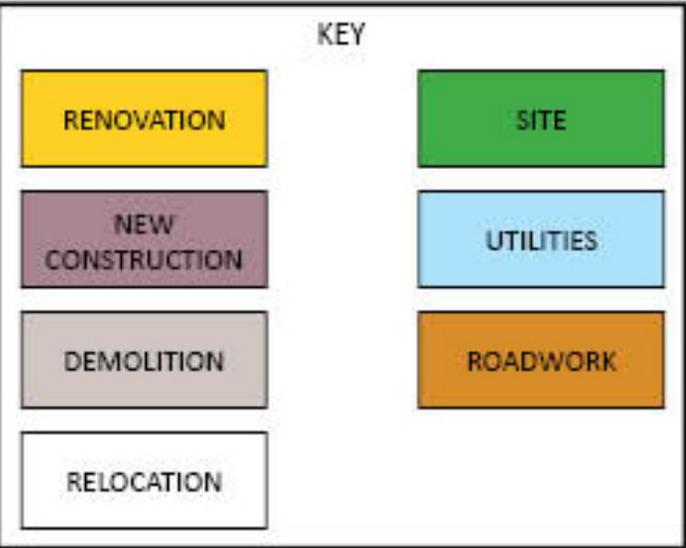
Demolish Buildings

PAST SEQUENCING EXAMPLE (10 YEAR TIMEFRAME)

New Landscape Services	Demo Landscape Services	Utilities for BEC	New Business School (BEC)	BEC Site	Eng relocates to Business Space
------------------------	-------------------------	-------------------	---------------------------	----------	---------------------------------

BAE Storage Addition	Demo BAE Storage Bldg	New Career Svcs in Union	Eng relocates to Career Svcs space
----------------------	-----------------------	--------------------------	------------------------------------

New Displaced Parking	Patrick Taylor Phase 1	Eng relocates to PFT Phase 1	Swing Sp Renov Jesse Coates (2)	Patrick Taylor Phase 2	Eng relocates to PFT Phase 2
-----------------------	------------------------	------------------------------	---------------------------------	------------------------	------------------------------



Swing Sp Renov Audobon Sugar
Swing Sp Renov Old Forestry
Swing Sp Renov Ingram
Swing Sp Renov Jesse Coates (1)

Demo Old Forestry	Complete Patrick Taylor Site Work
-------------------	-----------------------------------

STRATEGIC CAPITAL PLANNING OUTCOME

- While future funding may appear bleak, what better time to be strategic?
- Investments have been made on the campus every single year since the 1920's
- **3,700,000 Sq Ft** was added to the campus since 2003
- **\$1,400,000,000** invested in the campus since 2003

STRATEGIC CAPITAL PLANNING OUTCOME

- What we expect to occur in the future may be based on the past:
 - \$1.4 billion and 3.7 million square feet in the past 14 years
 - Inflation? Would require \$1.8 billion in today's costs
 - P3 Residential projects - \$300 million additional investment in just the next 5 years
 - Intent for significant increase in private fund raising
- Campus could easily grow by 1 to 2 million square feet and exceed a \$3 billion investment in the same time frame.
- How will it be invested? This is the purpose of the Strategic Capital Plan!

STRATEGIC CAPITAL PLANNING OUTCOME

What is recommended for the Academic/Research portion of the campus:

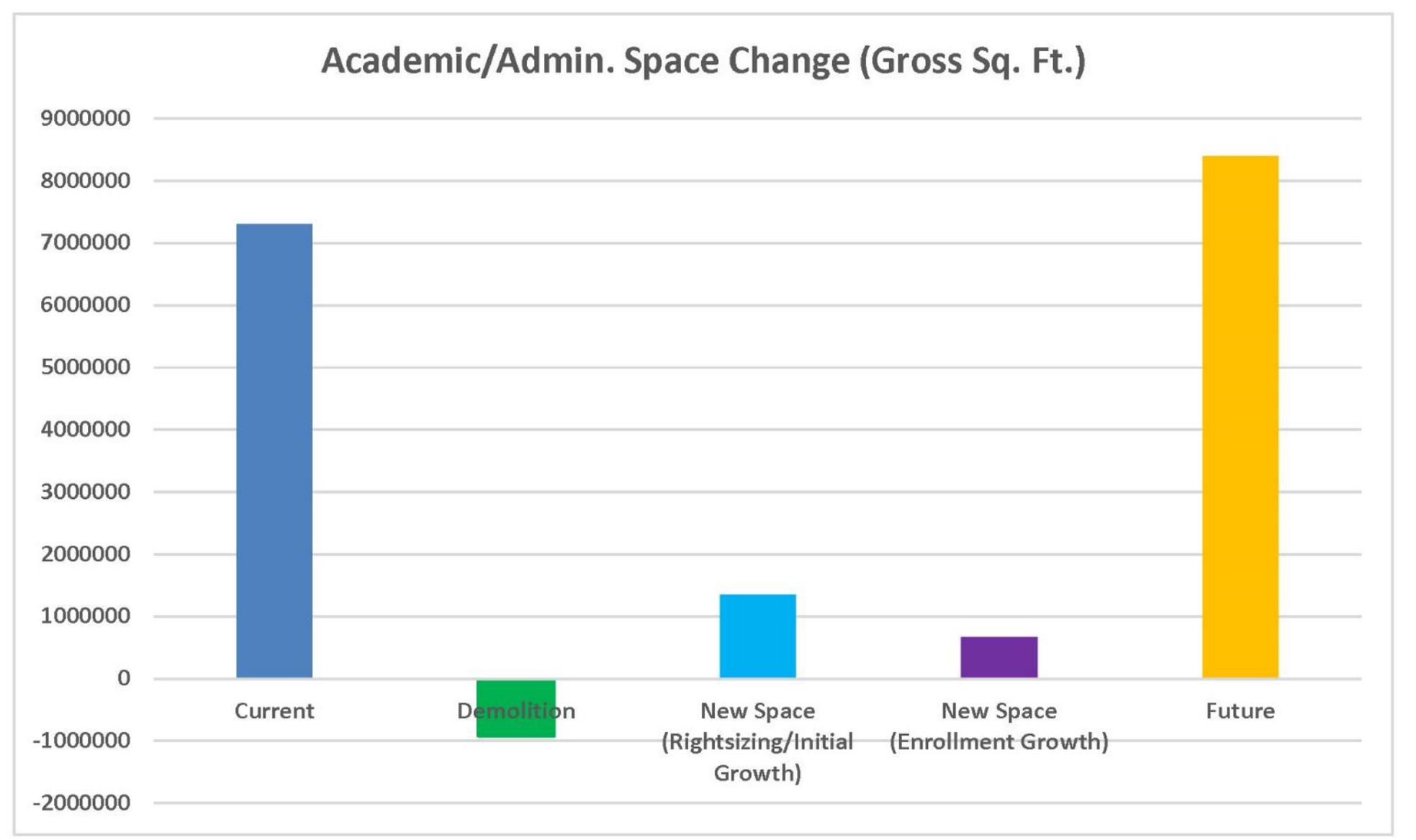
- **Demolish 19 buildings – 925,000 gsf**
- **Renovate 52 buildings – 2,750,000 gsf**
- **Builds 7 major new buildings to meet current need – 1,350,000 gsf**
- **Builds 3 additional new academic/research buildings for future enrollment growth – 675,000 gsf**
- **9 standalone roadway projects**
- **18 major standalone site projects (plus site improvements within building projects)**
- **Utility upgrades and enhancements (plus utility/infrastructure improvements within building projects)**

STRATEGIC CAPITAL PLANNING OUTCOME

Result for the Academic/Research portion of the campus:

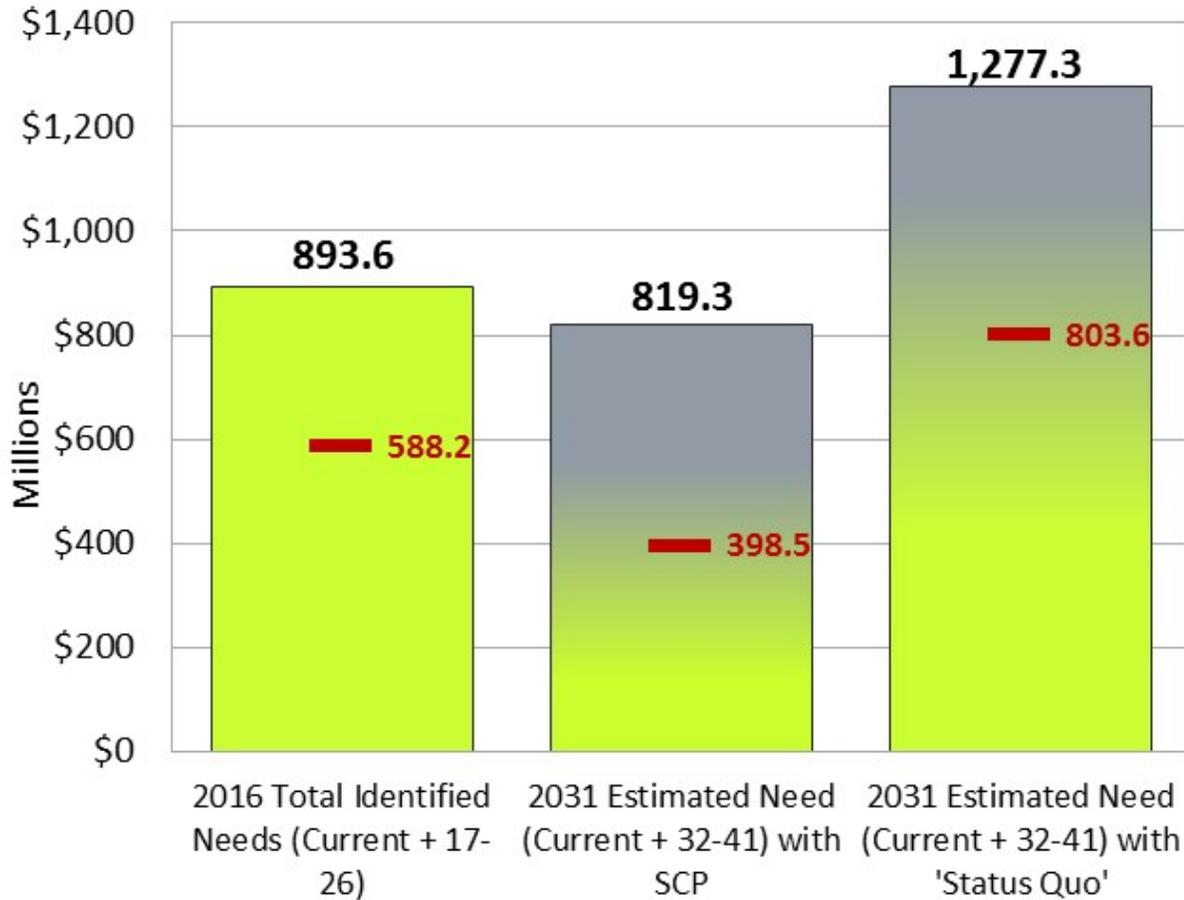
- Significant reduction of Deferred Maintenance needs through:
 - 2.7 million gsf of building renovations
 - 1 million gsf of building demolition
- 425,000 gsf added to the Academic portion of the university to meet current “right-sizing” needs with some growth (new space minus demolished space)
- 675,000 additional gsf to address projected enrollment growth (3 additional new buildings)
- Total of 1,100,000 gsf in space added to the Academic portion of the university, plus auxiliary growth

STRATEGIC CAPITAL PLANNING OUTCOME

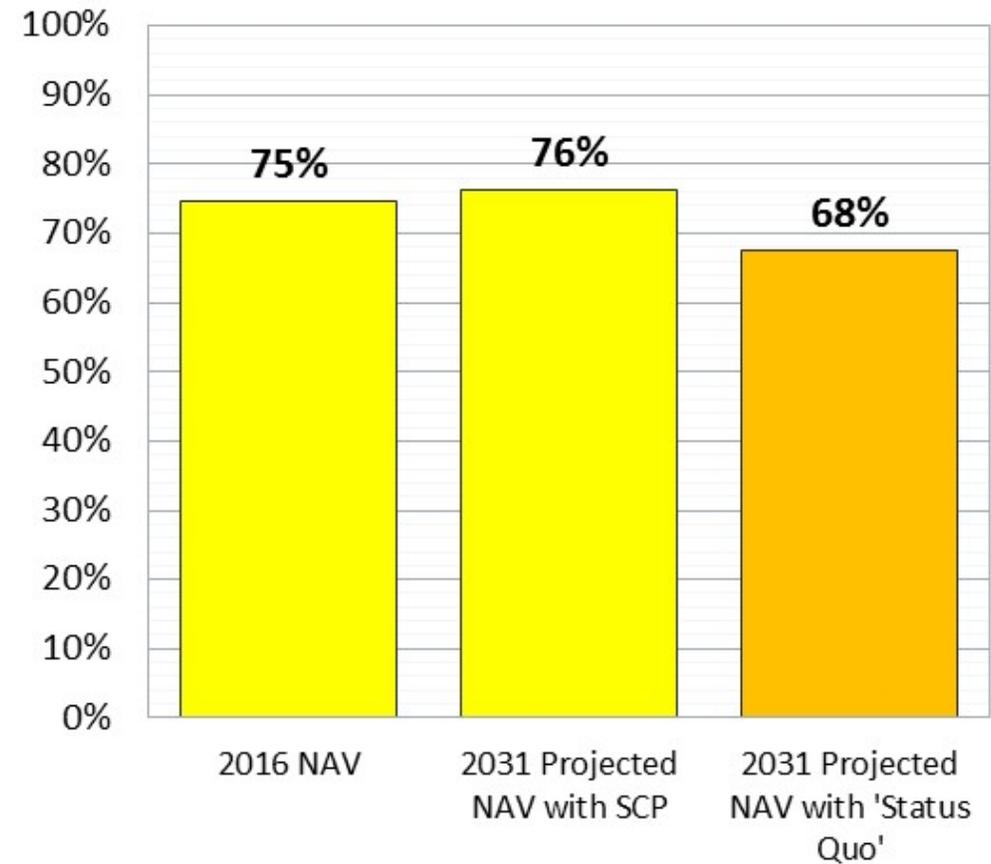


Projecting Impact of the Proposed SCP vs. Maintaining the Status Quo

Projected Impact to Identified Need



Projected Impact to NAV



STRATEGIC CAPITAL PLANNING OUTCOME

- **Funding Strategy:**
 - **Auxiliary Improvements** – continues to be self-funded
 - Self-generated cash
 - Revenue Bonds
 - Private fundraising specific to auxiliaries (TAF, etc.)
 - Public-Private Partnerships (P3)
 - **Academic Improvements**
 - Historical overall academic projects – 30% private/70% state
 - **Recent major academic projects – 50% private/50% state**
 - **Strategic Capital Plan – 65% private/35% state**
 - **Total SCP Improvements: State investment will be 18%**

STRATEGIC CAPITAL PLANNING OUTCOME

- **The academic funding challenge: Funding the “unglamorous” projects!**
 - **How do we get the “unglamorous” needs funded, such as:**
 - **Infrastructure (utilities, parking, etc.)**
 - **Support buildings**
 - **Deferred maintenance**
 - **Recent academic projects are those with a significant donor base**
 - **Some academic priorities don’t have a significant donor base**

STRATEGIC CAPITAL PLANNING OUTCOME

- The answer: “Project Bundling – Project Groups”
 - Bundling numerous projects together per the Strategic Capital Plan
 - Funding the Group as a whole to capture the unglamorous portions
 - Private funding specific to major building and site projects
 - State funding share to address associated deferred maintenance needs, infrastructure and demolition
 - Examples: “Business/Engineering” or “Historic Core” or “South Academic District”

PAST SEQUENCING EXAMPLE (10 YR TIMEFRAME) – “ENGINEERING/BUSINESS GROUP”

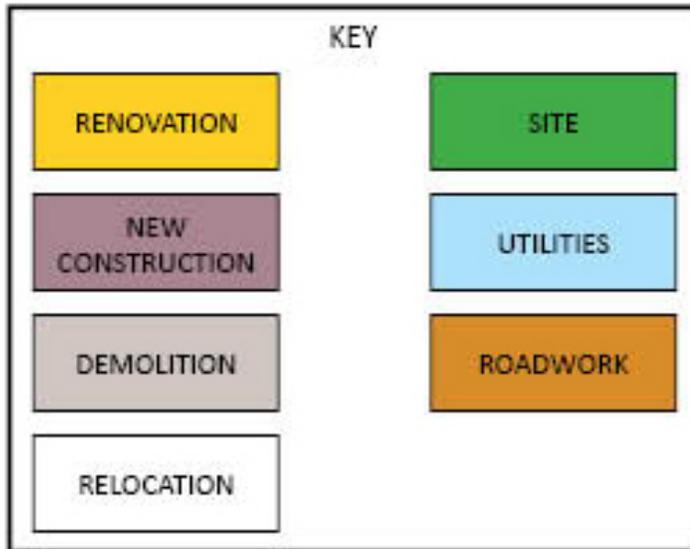
New Landscape Services	Demo Landscape Services	Utilities for BEC	New Business School (BEC)	BEC Site	Eng relocates to Business Space
------------------------	-------------------------	-------------------	---------------------------	----------	---------------------------------

BAE Storage Addition	Demo BAE Storage Bldg	New Career Svcs in Union	Eng relocates to Career Svcs space
----------------------	-----------------------	--------------------------	------------------------------------

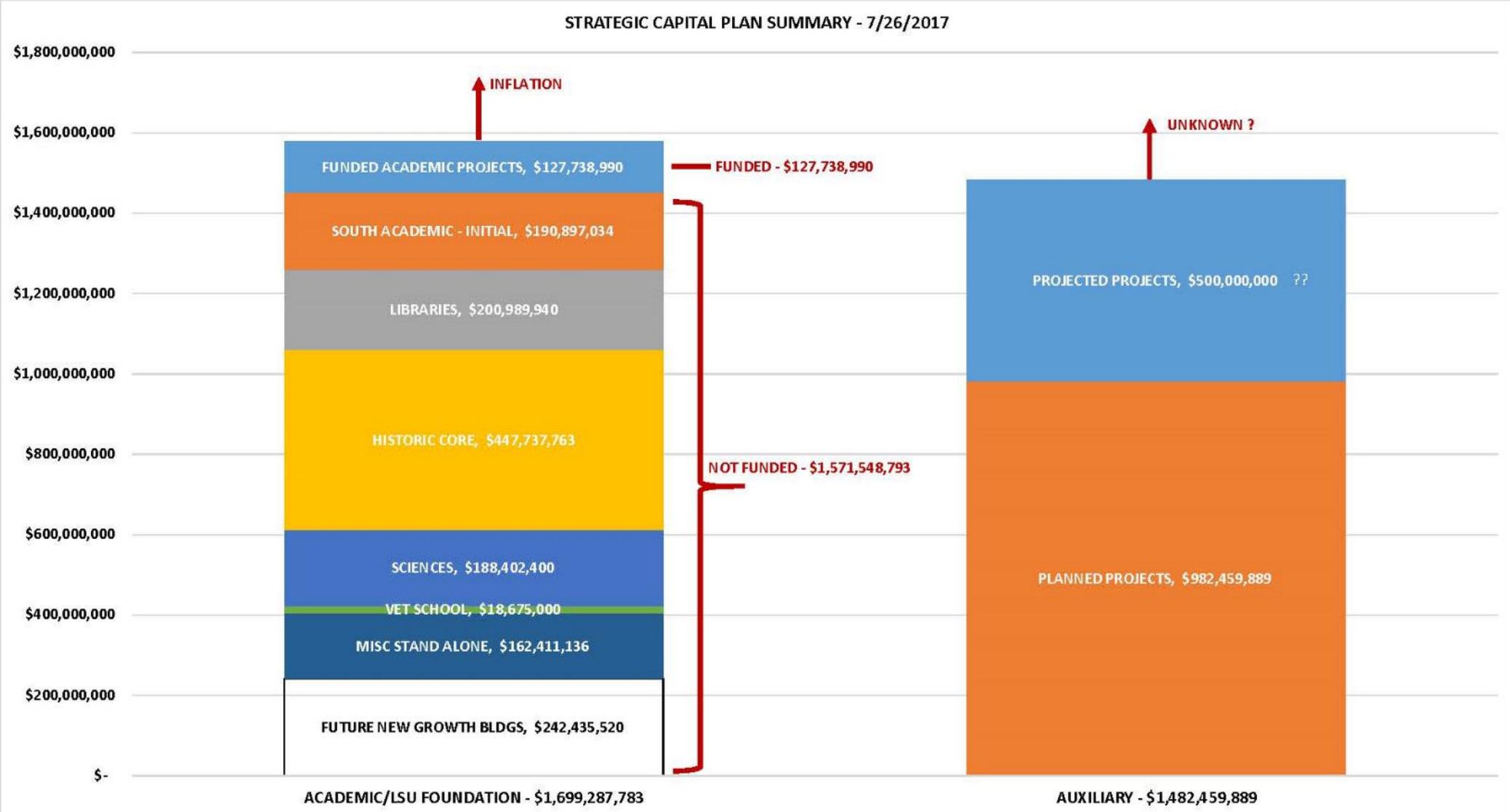
New Displaced Parking	Patrick Taylor Phase 1	Eng relocates to PFT Phase 1	Swing Sp Renov Jesse Coates (2)	Patrick Taylor Phase 2	Eng relocates to PFT Phase 2
-----------------------	------------------------	------------------------------	---------------------------------	------------------------	------------------------------

Swing Sp Renov Audobon Sugar
Swing Sp Renov Old Forestry
Swing Sp Renov Ingram
Swing Sp Renov Jesse Coates (1)

Demo Old Forestry	Complete Patrick Taylor Site Work
-------------------	-----------------------------------



STRATEGIC CAPITAL PLANNING OUTCOME – 15-18 year plan



STRATEGIC CAPITAL PLANNING OUTCOME

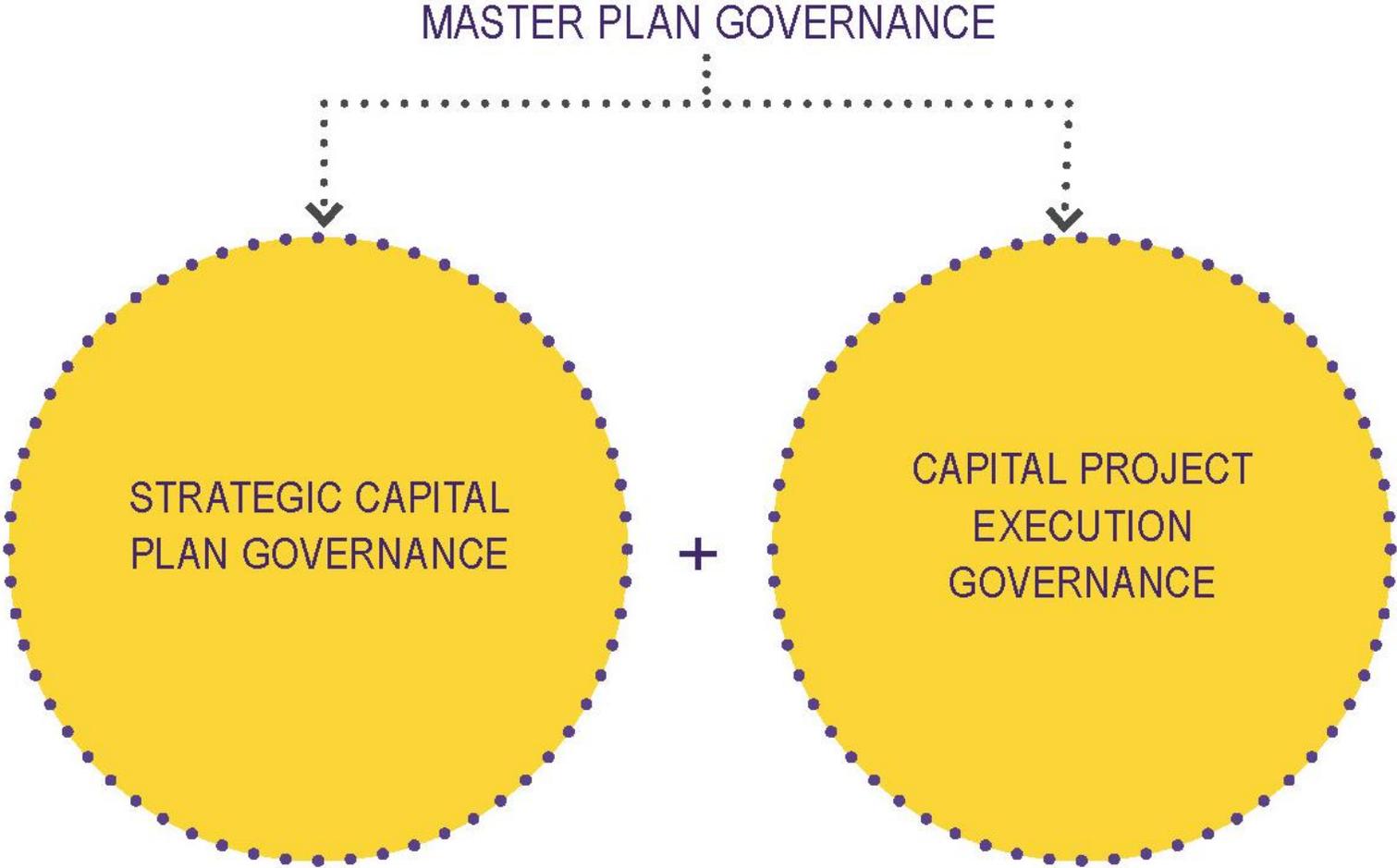
“Success or failure of the Strategic Capital Plan should not be measured in the amount of dollars spent or new buildings constructed in a given timeframe, but rather should be measured by whether the investments that were made were the most strategic and addressed the highest priorities.”

Roger E. Husser, Jr., P.E.

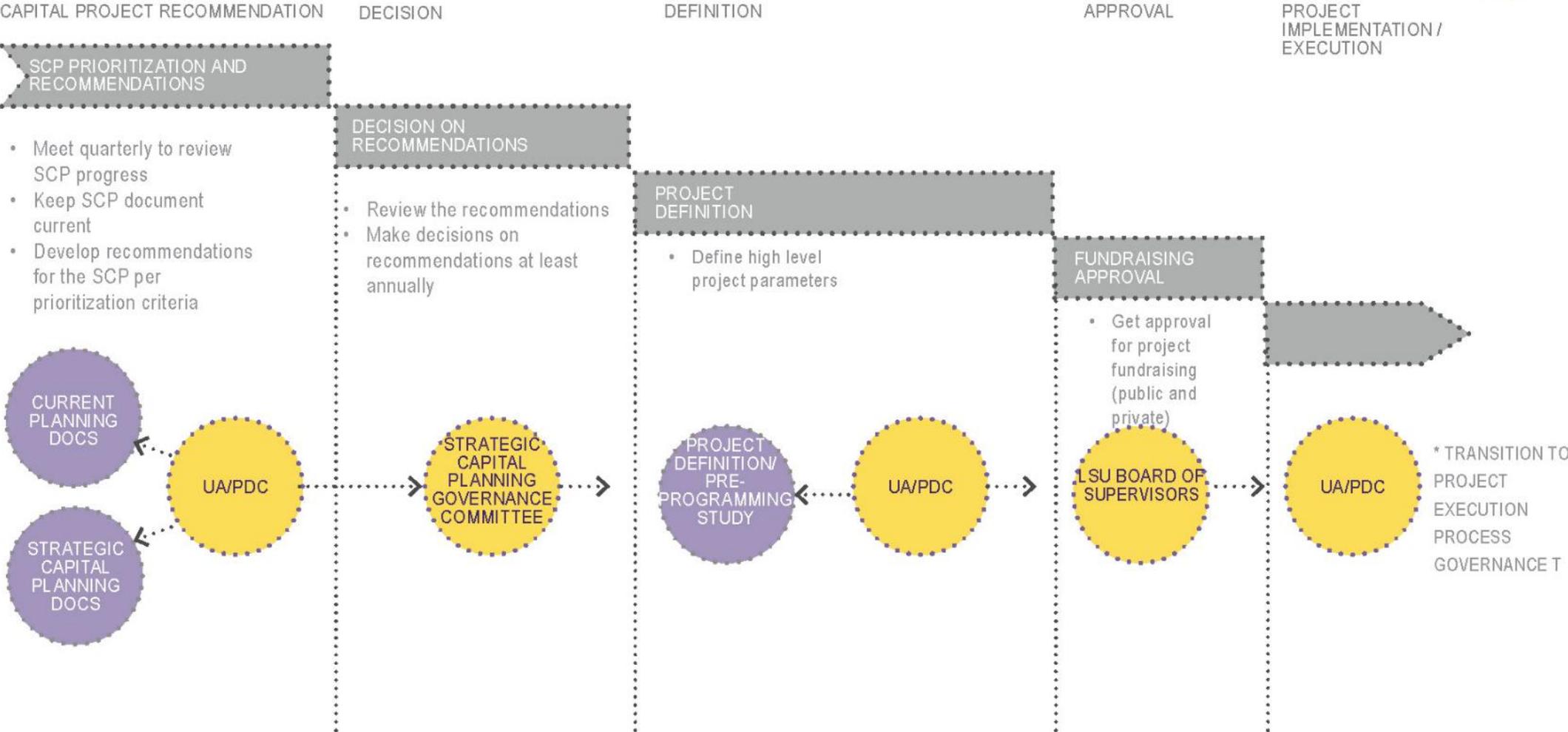
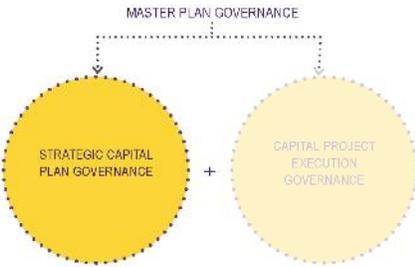
7 | MASTER PLAN GOVERNANCE



MASTER PLAN GOVERNANCE

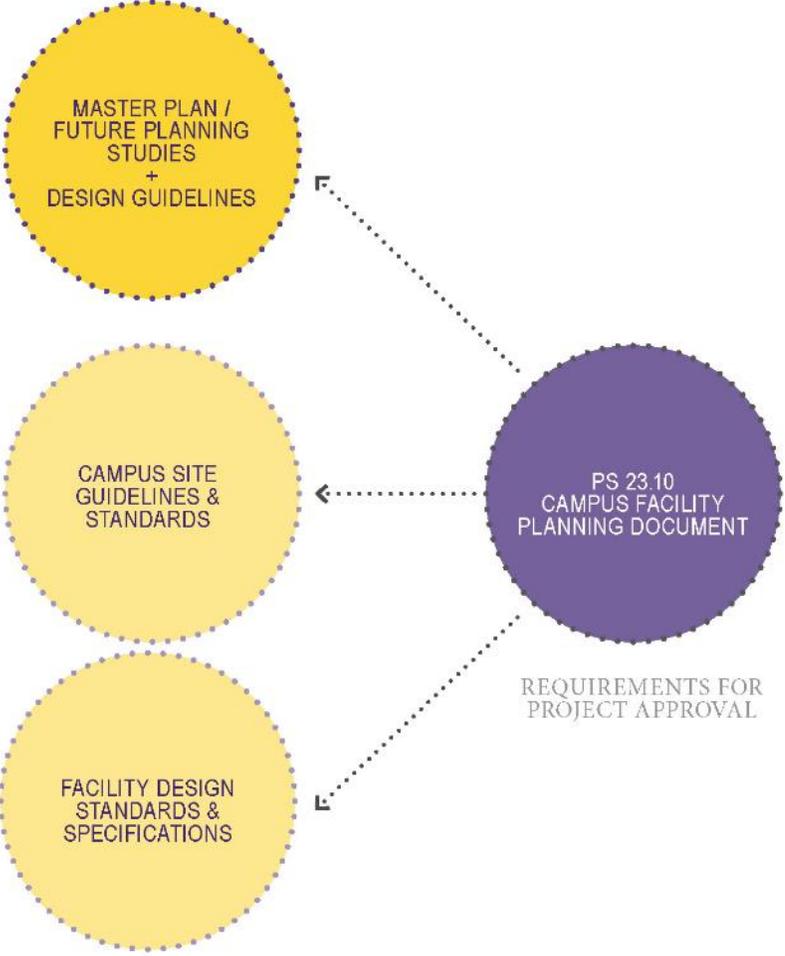
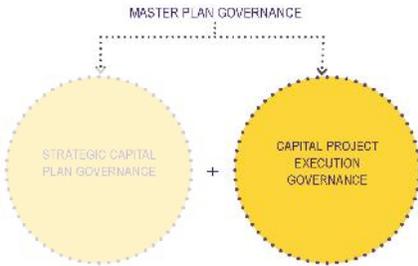


GOVERNANCE OF THE STRATEGIC CAPITAL PLAN



STEPS IN THE STRATEGIC CAPITAL PLANNING PROCESS

GOVERNANCE OF THE CAPITAL PROJECT EXECUTION PROCESS



REQUIREMENTS FOR PROJECT APPROVAL

APPROVED PLANNING DOCUMENTS

6 | DISCUSSION

