NC State Board of Trustees

Buildings and Property Committee Meeting

September 9, 2021

Winslow Hall

Winslow Hall Conference Room

https://go.ncsu.edu/botmeeting
**September 9, 2021 Buildings and Property Committee**

**Meeting Agenda**

10:45 a.m.

1. Call to Order, Reading of Ethics Statement and Public Meeting Notice
   Ed Stack, Chair

2. Roll Call
   Doug Morton, Associate Vice Chancellor, Facilities

3. Approval of Minutes
   Ed Stack, Chair
   - A. April 15, 2021 BPC Meeting Minutes

4. Committee Responsibilities and Procedures
   Doug Morton, Associate Vice Chancellor, Facilities
   - A. Review of committee responsibilities and procedures

5. 2021-22 Committee Plan of Work
   Doug Morton, Associate Vice Chancellor, Facilities
   - A. Review of 2021-22 Committee Plan of Work

6. Property Matters
   Alicia Knight, Associate Vice Chancellor, University Real Estate and Development
   - A. Disposition of the Real Property by Lease Approved on 7/15/2021

   - B. Update to prior approval for disposition by lease for approximately 12,000 rentable square feet of office and high-bay space at Research IV on Centennial Campus (February 2021)
     Alicia Knight, Associate Vice Chancellor, Real Estate and Development

7. Designer and Construction Managers-At-Risk Selections
   Doug Morton, Associate Vice Chancellor, Facilities
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Estate and Development

E. Physical Master Plan Update
Doug Morton, Associate Vice Chancellor, Facilities

F. R&R Budget Priorities
Doug Morton, Associate Vice Chancellor, Facilities

13. Committee Discussion

14. Adjourn
Ed Stack, Chair
OPEN SESSION MINUTES

Buildings and Property Committee
Board of Trustees
North Carolina State University
April 15, 2021

The Buildings and Property Committee of the Board of Trustees of North Carolina State University met in Zoom on April 15, 2021.

Members present:

Ed Stack, Committee Chair
Robert “Chip” Andrews, III
Wendell Murphy
Ronald W. Prestage
Perry Safran
Thomas E. Cabaniss, Board Chair

Members absent:

James A. “Jim” Harrell, III

Chair Stack called the meeting to order at 10:18 a.m. He reminded the Committee that the meeting will be conducted pursuant to the provisions of the Open Meetings Act that apply during states of emergency and that allow for public bodies to meet via electronic means. This law requires that all votes be taken via roll call. Chair Stack then reminded those in attendance that while the Committee meeting is a public meeting, it is not a meeting for public comment and only those on the agenda will be permitted to speak. Chair Stack also reminded all members of their duty to avoid conflicts of interest and appearances of conflicts of interest under the State Government Ethics Act and inquired as to whether there were any known conflicts of interest or appearances of conflict with respect to any matters coming before the Committee at this meeting. Chair Stack then called on Ms. Sarah Kwon for the roll call.

ROLL CALL
Sarah Kwon called roll and certified that a quorum was present.

MINUTES
Trustee Prestage made the motion, seconded by Trustee Murphy, to approve the closed session minutes of the November 12, 2020 meeting. Chair Stack called for a vote by roll call.

Andrews AYE
Harrell ABSENT
Murphy AYE
Prestage AYE
Safran AYE

The motion passed.

Trustee Prestage made the motion, seconded by Trustee Murphy, to approve the open session minutes of the February 25, 2021 meeting. Chair Stack called for a vote by roll call.

Andrews AYE
Harrell ABSENT
Murphy AYE
Prestage AYE
Safran AYE

The motion passed.
PROPERTY MATTERS – ALICIA KNIGHT, ASSOCIATE VICE CHANCELLOR, UNIVERSITY REAL ESTATE AND DEVELOPMENT
There are no Property Matters to update for this agenda, and no committee action is required.

CAMPUS DESIGN REVIEW PANEL – DOUG MORTON, ASSOCIATE VICE CHANCELLOR, FACILITIES
Doug Morton presented procedure updates on the Campus Design Review Panel for approval.

Trustee Prestage made the motion, seconded by Trustee Murphy, to approve the Campus Design Review Panel procedure update. Chair Stack called for a vote by roll call.

- Andrews: AYE
- Harrell: ABSENT
- Murphy: AYE
- Prestage: AYE
- Safran: AYE

The motion passed.

DESIGNER AND CONSTRUCTION MANAGERS AT RISK SELECTIONS – DOUG MORTON, ASSOCIATE VICE CHANCELLOR, FACILITIES

APPROVAL OF DESIGNER SELECTIONS $1 MILLION OR LESS
Doug Morton presented eight projects for formal approval of designer selections for $1M or less.

Trustee Prestage made the motion, seconded by Trustee Andrews, to approve the Designer Selections for $1 million or less. Chair Stack called for a vote by roll call.

- Andrews: AYE
- Harrell: ABSENT
- Murphy: AYE
- Prestage: AYE
- Safran: AYE

The motion passed.

ACCEPTANCE OF COMPLETED BUILDINGS AND PROJECTS – DOUG MORTON, ASSOCIATE VICE CHANCELLOR, FACILITIES
Doug Morton presented on the Acceptance of Completed Buildings and Projects and highlighted the Exterior Lighting LED Conversion, Elevator Additions at Tucker and Owen Residence Halls, and Restoration Memorial Belltower. The University and Office of State Construction have accepted seven completed buildings and projects with dollar values greater than $2,000,000. All are recommended to the Buildings and Property Committee for formal acceptance. The listing represents buildings and projects received since the February 25, 2021 meeting.

Trustee Murphy made the motion, seconded by Trustee Safran, to approve the Acceptance of Completed Buildings and Projects. Chair Stack called for a vote by roll call.

- Andrews: AYE
- Harrell: ABSENT
- Murphy: AYE
- Prestage: AYE
Safran        AYE

The motion passed.

NON-APPROPRIATED CAPITAL PROJECTS UPDATE – DOUG MORTON, ASSOCIATE VICE CHANCELLOR, FACILITIES
The UNC Board of Governor’s delegated authority to approve and administer non-appropriated capital improvement projects funded entirely with non-general fund money that are projected to be less than $750,000. Doug Morton requested ratification of the two electronically approved projects: Equine CT Room Renovation and Bragaw Electrical Distribution Replacement.

Trustee Prestage made the motion, seconded by Trustee Murphy, to approve the Non-appropriated Capital Projects Update. Chair Stack called for a vote by roll call.

Andrews        AYE
Harrell        ABSENT
Murphy         AYE
Prestage       AYE
Safran         AYE

The motion passed.

SITE AND PLAN REVIEW/APPROVAL – LISA JOHNSON, UNIVERSITY ARCHITECT

APPROVAL OF PLANS AND SPECIFICATIONS OF FORMAL PROJECTS LESS THAN $2 MILLION
Lisa Johnson presented six projects for formal acceptance of plans and specifications of $2,000,000 or less. The list presents projects received since the February 25, 2021 meeting.

Trustee Prestage made the motion, seconded by Trustee Murphy, to approve the Plans and Specifications of Formal Projects less than $2 million. Chair Stack called for a vote by roll call.

Andrews        AYE
Harrell        ABSENT
Murphy         AYE
Prestage       AYE
Safran         AYE

The motion passed.

INTEGRATIVE SCIENCES BUILDING SITE REVIEW/APPROVAL
Lisa Johnson presented the Integrative Sciences Building site for review and approval.

Trustee Andrews made the motion, seconded by Trustee Safran, to approve the Integrative Sciences Building site. Chair Stack called for a vote by roll call.

Andrews        AYE
Harrell        ABSENT
Murphy         AYE
Prestage       AYE
Safran         AYE

The motion passed.
PARKING AND TRANSPORTATION ORDINANCES – THAN AUSTIN, DIRECTOR OF TRANSPORTATION

Than Austin presented the proposed revision to Policy 07.06.01 Parking and Transportation Ordinances 2021-2022.

Trustee Murphy made the motion, seconded by Trustee Prestage, to recommend the proposed revision to Policy 07.06.01 Parking and Transportation Ordinances 2021-2022 to the full board for approval. Chair Stack called for a vote by roll call.

Andrews    AYE
Harrell    ABSENT
Murphy    AYE
Prestage    AYE
Safran    AYE

The motion passed.

INFORMATIONAL REPORTS

CAPITAL PROJECTS UPDATE – DOUG MORTON, ASSOCIATE VICE CHANCELLOR, FACILITIES

STATUS PROJECTS IN PLANNING – DOUG MORTON, ASSOCIATE VICE CHANCELLOR, FACILITIES
Doug Morton presented on the Status Projects In Planning and emphasized the upcoming projects list.

CENTENNIAL CAMPUS REZONING UPDATE – ALICIA KNIGHT, ASSOCIATE VICE CHANCELLOR, UNIVERSITY REAL ESTATE AND DEVELOPMENT
Alicia Knight presented the Centennial Campus Rezoning update including the project status, milestones, and goals.

PHYSICAL MASTER PLAN UPDATE – DOUG MORTON, ASSOCIATE VICE CHANCELLOR, FACILITIES
Doug Morton presented the Physical Master Plan update including the history, scope, analysis, vision and framework plans, infrastructure investment process, and project schedule.

With no further business, Chair Stack announced the meeting adjourned at 11:29 a.m.

Respectfully submitted,

________________________
Secretary

Approved:

________________________
Chair of the Committee
NORTH CAROLINA STATE UNIVERSITY
BOARD OF TRUSTEES
BUILDINGS AND PROPERTY COMMITTEE

REVIEW OF COMMITTEE RESPONSIBILITIES

The By-Laws subject to the policies of the Board of Governors and all legal requirements relative to the construction of state-owned buildings, the Buildings and Property Committee is responsible for the following matters concerning campus capital construction projects, which have been approved the Board of Governors and authorized by the State of North Carolina.

MASTER PLAN
Required

Annual review by Buildings and Property Committee.

DESIGNER SELECTION
Required

All major new buildings, major additions, and comprehensive renovation projects (cost greater than $1,000,000) require one current or former Trustee on the selection committee. For large complex projects that involve several campus units the Secretary to the Trustees’ Buildings and Property Committee in consultation with the Chair of the Trustees’ Buildings and Property Committee will decide if additional user and Trustee representation is warranted. Bi-annual approval of Open-Ended Service Agreement Design selections. Selections are for a one-year term with an option for a one-year extension.

Procedure

- Committee Chair approval of short list
- Selection committee interview with trustee
- Buildings and Property Committee selection or rejection
- For open-ended service agreement design selections, interview may be waived and there will be no rank ordering.
- For major utility, repair, landscaping and road improvement projects and for major building mechanical and electrical projects (over $500,000), trustee representation on the interview committee is not required.

CONSTRUCTION MANAGER-AT-RISK SELECTION
Required

All projects require that the same Selection Committee, which interviewed and evaluated the designers for a particular capital project, also serve as Selection Committee for the Construction Manager-at-Risk for that project. For large complex projects that involve several campus units, the Secretary to the Trustees’ Buildings and Property Committee in consultation with the Chair of the Trustees’ Buildings and Property Committee will decide if additional user and Trustee representation is warranted.
Procedure

- Committee Chair approval of short list
- Selection committee interview with Trustee
- Buildings and Property Committee selection or rejection

DESIGN-BUILD SELECTION

Required

The design-build delivery method may be utilized for less complex new buildings and projects. Projects over $1,000,000 require one (1) current or former Trustee on the selection committee.

Procedure

- Committee Chair approval of short list
- Selection committee interview
- Buildings and Property Committee selection or rejection

NON-APPROPRIATED CAPITAL IMPROVEMENT PROJECTS

Required

The UNC Board of Governor’s delegated authority to approve and administer non-appropriated capital improvement projects funded entirely with non-General Fund money that are projected to cost more than $750,000 and $300,000 or greater.

Procedure

- University Administration recommendation
- Buildings and Property Committee approval or rejection

SITE SELECTION

Procedure

- Project building committee recommendation
- University Administration recommendation
- Buildings and Property Committee selection (Space Committee approves temporary structures in research annexes)

PLANS AND SPECIFICATIONS

Required

Approval of projects less than $2,000,000 – based on recommendations presented in quarterly Status Reports from Facilities Division. Approval of projects greater than $2,000,000 – review site plan, floor plans, elevations, perspective models, and budget between design development and construction document stages.

Procedure

- Facilities Division staff recommendation
- Ad-hoc building committee recommendation
- Campus Design Review Plan recommendation
ACCEPT COMPLETED BUILDINGS AND PROJECTS
Required

Acceptance following University and State Construction Office certification.

PROPERTY MATTERS
Required

Approval/recommendations for:

- Property purchase and sale
- Property leases
- Utility easements
- Demolitions

Procedure

- University Administration recommendation
- Buildings and Property Committee recommendation
- Full Board decision

TRAFFIC AND PARKING POLICIES
Procedure

- University Administration recommendation
- Buildings and Property Committee recommendation
- Full Board decision
September
- Accept Completed Buildings and Projects (NC State Pol 01.05.1, App 1.II.a.vi)
  - Acceptance
- Acquisition and Disposition of Interests in Real Property (UNC Pol. Ch. 100.1, App.1 (VI)), (NC State Pol 01.05.1, App 1.II.a.vii)
  - Consider and approve property matters in a timely fashion to avoid adverse impact to the business of the University.
- Designer Selection (NC State Pol 01.05.1, App 1, II.ii) and Construction Managers at Risk Selection (NC State Pol 01.05.1, App 1, II.iii)
  - Participate in designer, developer, and CMR selection interviews and approve selections in a timely manner to avoid impacts to project schedules.
- Building Site, Plan and Specification Approval (NC State Pol 01.05.1, App 1, III.iv.v)
  - Review of project design plans for responsiveness to the vision of the physical master plan.
  - Review and approve design projects in a timely manner to avoid impact to project design and construction schedule.
- Capital Projects Update (UNC Pol. Ch. 100.1, App.1 (VI))
  - Receive periodic updates and comment as warranted.
- Projects in Planning Status
  - Receive periodic updates and comment as warranted.
- Review of Committee Responsibilities

November
- Accept Completed Buildings and Projects (NC State Pol 01.05.1, App 1.II.vi)
  - Acceptance
- Acquisition and Disposition of Interests in Real Property (UNC Pol. Ch. 100.1, App.1 (VI)), (NC State Pol 01.05.1, App 1.II.vi)
  - Consider and approve property matters in a timely fashion to avoid adverse impact to the business of the University.
- Designer Selection (NC State Pol 01.05.1, App 1, II.ii) and Construction Managers at Risk Selection (NC State Pol 01.05.1, App 1, II.iii)
  - Participate in designer and CMR selection interviews and approve selections in a timely manner to avoid impacts to project schedules.
- Building Site, Plan and Specification Approval (NC State Pol 01.05.1, App 1, III.iv.v)
  - Review of project design plans for responsiveness to the vision of the physical master plan.
  - Review and approve design projects in a timely manner to avoid impact to project design and construction schedule.
- Capital Projects (UNC Pol., Ch. 100.1, App.1 (VI) and Centennial Campus Update)
  - Receive periodic updates and comment as warranted.
- Construction Managers at Risk Selection (NC State Pol 01.05.1, App 1, II.iii)
- Projects in Planning Status
  - Receive periodic updates and comment as warranted.
February

- Accept Completed Buildings and Projects (NC State Pol 01.05.1, App 1.II.vi)
  - Acceptance
- Acquisition and Disposition of Interests in Real Property (Policy Manual, Ch. 100.1, App.1 (VI)), (NC State Pol 01.05.1, App 1.II.vi)
  - Consider and approve property matters in a timely fashion to avoid adverse impact to the business of the University.
- Designer Selection (NC State Pol 01.05.1, App 1, II.ii) and Construction Managers at Risk Selection (NC State Pol 01.05.1, App 1, II.iii)
  - Participate in designer and CMR selection interviews and approve selections in a timely manner to avoid impacts to project schedules.
- Building Site, Plan and Specification Approval (NC State Pol 01.05.1, App 1, III.iv.v)
  - Review of project design plans for responsiveness to the vision of the physical master plan.
  - Review and approve design projects in a timely manner to avoid impact to project design and construction schedule.
- Capital Projects Update (Policy Manual, Ch. 100.1, App.1 (VI))
  - Receive periodic updates and comment as warranted.
- Projects in Planning Status
  - Receive periodic updates and comment as warranted.

April

- Accept Completed Buildings and Projects (NC State Pol 01.05.1, App 1.ii.vi)
  - Acceptance
- Acquisition and Disposition of Interests in Real Property (Policy Manual, Ch. 100.1, App.1 (VI)), (NC State Pol 01.05.1, App 1.II.vi)
  - Consider and approve property matters in a timely fashion to avoid adverse impact to the business of the University.
- Designer Selection (NC State Pol 01.05.1, App 1, II.ii) and Construction Managers at Risk Selection (NC State Pol 01.05.1, App 1, II.iii)
  - Participate in designer and CMR selection interviews and approve selections in a timely manner to avoid impacts to project schedules.
- Building Site, Plan and Specification Approval (NC State Pol 01.05.1, App 1, III.iv.v)
  - Review of project design plans for responsiveness to the vision of the physical master plan.
  - Review and approve design projects in a timely manner to avoid impact to project design and construction schedule.
- Capital Projects Update (Policy Manual, Ch. 100.1, App.1 (VI)) and Centennial Campus Update
  - Receive periodic updates and comment as warranted.
- Parking and Transportation Ordinances (NC State Pol 07.60.01), (NCGS §116-44.4, §20-137.7)
  - Approval
- Physical Master Plan Update (UNC Pol. Ch. 100.1, App 1 (VI)),(NC State Pol. 01.05.1, App 1, II.a.i)
  - Received annual update and comment as warranted.
- Projects in Planning Status
  - Receive periodic updates and comment as warranted.

Revised: 12/18/2019
Disposition by Lease

Research IV – 909 Capability Drive
Centennial Campus
Disposition by Lease

Lease renewal for North Carolina Advanced Energy Corporation ("Advanced Energy"). Advanced Energy has been a Centennial Campus tenant since 2004.

Lease disposition of +/- 14,000 rentable square feet of office/highbay space on the first and second floors of Research IV.

Renewal is recommended to continue the industry-academic partnership and provide for public-private collaboration in alignment with the vision for Centennial Campus. Terms of lease to be at market-rate terms.

Key Lease Terms:

- **Term:** 5 years commencing December 1, 2021 (no renewal options)
- **Rate:** Approximately $26 per rentable SF per year, full service, escalating annually by not less than 2.0%
- **Tenant Improvement Allowance:** None, Premises "as-is"
- **Other Concessions:** Tenant will receive one month of "free rent" on the first month of each Lease Year - total of five (5) months free rent over five (5) year term.
DISPOSITION
OF REAL PROPERTY

DISPOSITION OF REAL PROPERTY BY LEASE

LESSOR
The State of North Carolina, North Carolina State University

LESSEE
North Carolina Advanced Energy Corporation

LOCATION
Research Building IV, 909 Capability Drive, Suites 1900/2100, Raleigh, Wake County, NC

SIZE
+/- 14,000 RSF of office/highbay space

RATE
+/-$26.00/RSF/Year, full service, escalating annually by not less than 2.0%

TERM
5 years (no renewal option)

USE
This disposition furthers programmatic connectivity between private firms locating on Centennial Campus and the University at large, in alignment with the vision of Centennial Campus.
STATE OF NORTH CAROLINA  
DEPARTMENT OF ADMINISTRATION  
DISPOSITION OF REAL PROPERTY

Institution or Agency: North Carolina State University  
Date: July 15, 2021

The Department of Administration is requested, as provided by GS §146-28 et seq., to dispose of the real property herein described by purchase, lease, rental, or other (specify). Lease

This disposition is recommended for the following reasons:

Disposition by Lease of +/- 14,000 rentable square feet of office/highbay space at Research Building IV on Centennial Campus to North Carolina Advanced Energy Corporation. Disposition is recommended for continued industry-academic partnership in alignment with the Centennial Campus vision.

Description of Property: (Attach additional pages if needed.)
+/- 14,000 RSF of office/highbay space at 909 Capability Drive, Suites 1900/2100, Raleigh, NC

Estimated value: Initial year’s total annual rent is +/-$335,000.00 (escalating annually by not less than 2.0%) (net of annual free rent concession, see below)

Where deed is filed, if known: N/A

If deed is in the name of agency other than applicant, state the name:

N/A

Rental income, if applicable, and suggested terms:
➢ Five year term (no renewal options) beginning 12/1/2021 upon expiration of existing lease agreement.
➢ $26.00/RSF/Year, escalating annually by not less than 2.0%
➢ Tenant to pay its prorata share of building operating expenses on Base year 2022
➢ No Tenant Improvements Allowance offered, Tenant accepts Premises “as-is”
➢ One (1) month free rent on the first month of each lease year (total of 5 months over 5 year term)

Funds from the disposal of this property are recommended for the following use:

Net proceeds to be deposited in the university’s Centennial Campus Trust Fund for reinvestment on Centennial Campus

(Complete if Agency has a Governing Board.)
Action recommending the above request was taken by the Board of Trustees and is recorded in the meeting minutes thereof on July 15, 2021 (date).

Signature:  
Title: Chancellor
TRANSMITTAL OF REQUEST FOR ACQUISITION/DISPOSITION OF REAL PROPERTY

Form Number: PO-2
Preparation Date: July 15, 2021

Request: Disposition by Lease of +/- 14,000 rentable square feet of office/highbay space at Research Building IV on Centennial Campus to North Carolina Advanced Energy Corporation. Disposition is recommended for continued industry-academic partnership. Lease to be at market-rate terms.

Institution NORTH CAROLINA STATE UNIVERSITY

RECOMMENDED BY CHANCELLOR, NCSU
Randy Woodson (Chancellor's Signature)

RECOMMENDED BY COMMITTEE ON BUILDINGS AND PROPERTY
Ed Stack (Chairman's Signature)

RECOMMENDED BY BOARD OF TRUSTEES, NCSU
Stan Kelly (Chairman's Signature)

RECOMMENDED BY BOARD OF GOVERNORS
(Secretary's Signature)
UPDATE TO PRIOR APPROVAL: Disposition by Lease, Unexecuted

In February 2021, the Building and Property Committee and the Full Board approved terms for the disposition of +/- 12,000 rentable square feet of lab/office to facilitate a new industry-academic partnership and provide for public-private collaboration in alignment with the vision for Centennial Campus.

Recap of Requested Lease Terms:

- **Term:** 5-10 years (including renewal options, if any) commencing Q3 2021 or upon completion of space improvements

- **Rate:** $35 per rentable SF per year, escalating annually by not less than 2.0%

- **Tenant Improvement Allowance:** $50 per rentable SF for 5 year term; $80 per rentable SF for 10 year term

**UPDATE:** Tenant selected alternate location; NC State will not be executing this lease.
CVM Swine Holding Facility – Designer Selection
Project # 202120002
Total Project Scope – $1M - CVM Trust Funds

05/13/21  Advertised in NC Purchase Directory

06/09/21  Closing date for submittals
           (6 proposals received)

06/21/21-  Selection Committee review via teleconference:
07/12/21  Lisa Johnson, University Architect
          Mike Kapp, Project Manager, Capital Project Management
          Cameron Smith, Senior Director, Capital Project Management
          Jim Rains, Construction Associate Director, Capital Project Management
          Ken Satterwhite, Site Director, College of Veterinary Medicine
          Kathryn Meurs, Associate Dean, College of Veterinary Medicine
          Others who assisted in review and short listing process:
          Shane Fogarty, Student Intern, Capital Project Management

06/21/21  Short list recommendation by Selection Committee:
          1. CPL Architecture – Raleigh, NC
          2. HH Architecture – Raleigh, NC
          3. RND Architects, PA – Durham, NC

00/00/00  Short list approved by Trustee Name
          NA

06/29/21  Pre-interview briefing of Designers

07/12/21  Designers interviewed. Recommendation in priority order:
          1. CPL Architecture – Raleigh, NC
          2. HH Architecture – Raleigh, NC
          3. RND Architects, PA – Durham, NC
Agenda Item / Issue: Site and Plan Approval - Varsity Drive Parking Lot South Campus

Requested / Required Action: Approval

Functions: The parking lot expansion will provide add approximately 430 parking spaces adjacent to an existing commuter parking lot with existing Wolfline bus stops and shelters. Associated infrastructure includes the use of low impact development storm water methods, possible permeable paver areas, future solar panel structures, security stanchions, site lighting, sidewalks and driveway entrance. The project is scheduled to be completed in March 2023.

Project Scope: 

- $432,000 Design/Consultant Costs
- $4,156,000 Construction
- $412,000 Contingency/Other Project Costs
- $5,000,000 Total Project Budget

Design Team: Draper Aiden Associates – Lead Designer
Surface 678 - Landscape Architect

Master Plan Summary: The site selection for this project was approved by the CDRP (October 2019) and the Trustees Buildings & Property Committee (November 2019). This project will improve vehicular and pedestrian connections with a focus on an enhanced streetscape along Varsity drive as well as creating welcoming transit stops.


Suggested Motion: Move approval of plans for the Varsity Drive Parking Lot

Funding Source: Transportation Trust Funds

Responsible University unit: Office of Finance and Administration, Facilities Division
University Presenter/Contact: Lisa Johnson, University Architect
NC State University
Varsity Drive Parking Lot Expansion

Draper Aden Associates
Engineering • Surveying • Environmental Services

Surface

Ramey Kemp Associates
NORTH, CENTRAL, AND SOUTH CAMPUS PRECINCTS

The Precinct Plans are renderings that illustrate the vision of campus. The drawings give form to the projects highlighted in the 6 Year Capital Plan.

KEY PROJECTS
1. Broughton Hall Renovation & Addition
2. Corbett Hall Addition & Renovation
3. Deady Hall Renovation
4. Western Boulevard Pedestrian/Bike Tunnel
5. Science Commons Building
6. Varsity Drive Recreation Fields

SITE AREA

Context

Site Area Within the South Precinct

South of the Center and Village, along the edge of Vanishing Point.

Adjacent to commuter parking north of Main and east of Gorry.
Adjacent to the Greek Village is the western edge of Varsity Drive, along the southern edge of Varsity from the project area.
Ellis Building
Existing Varsit
Large Crypt
The Chicken buildings
Agenda Item / Issue: Plan Review/Approval - Mann Hall Façade Renovation North Campus

Requested / Required Action: Review/Approval

Functions: This project includes repair of the deteriorated concrete structural columns of Mann Hall in order to extend the life of the building. Also included are the replacement of the exterior windows and building envelope repairs, including masonry and roof repairs, to resolve water intrusion issues. Mann Hall is an existing 4-story building constructed in 1963 with 79,722 gross square feet. The structure is concrete cast-in-place columns with a cast-in-place beam-joist system. The building was recently vacated by Civil, Environmental, and Structural Engineering’s move to the new Fitts-Woolard Hall.

Project Scope: 

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<tr>
<th>Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Design/Consultant Costs</td>
<td>$ 432,000</td>
</tr>
<tr>
<td>Construction</td>
<td>$ 4,156,000</td>
</tr>
<tr>
<td>Contingency/Other Project Costs</td>
<td>$ 412,000</td>
</tr>
<tr>
<td><strong>Total Project Budget</strong></td>
<td><strong>$ 5,000,000</strong></td>
</tr>
</tbody>
</table>

Design Team: SKA Consulting Engineering - Lead Designer
Walter Robbs Callahan & Pierce - Architecture

Master Plan Summary: Design harmony – architecture arising from the study of and response to the neighborhood context resulting in strong visual unity. Design elements, materials and features will be sympathetic to the neighborhood context.


Suggested Motion: Move approval of plans for the Mann Hall Façade Renovation.

Funding Source: University Carry Forward

Responsible University unit: Office of Finance and Administration, Facilities Division
University Presenter/Contact: Lisa Johnson, University Architect
Approval of Plans and Specifications of Formal Projects
$2M or Less

**Note:** The project(s) below are submitted to the Board of Trustees Buildings and Property Committee for formal acceptance of plans and specifications. This listing represents projects received since the April 15, 2021 meeting.

<table>
<thead>
<tr>
<th>Project</th>
<th>Construction Estimate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Scott Hall</td>
<td>$ 692,700</td>
</tr>
<tr>
<td>Project# 202020009</td>
<td></td>
</tr>
<tr>
<td>HVAC Upgrades Phase II</td>
<td></td>
</tr>
<tr>
<td>Designer: Dewberry Engineers Inc.</td>
<td></td>
</tr>
<tr>
<td>Raleigh, NC</td>
<td></td>
</tr>
<tr>
<td>Fund Source: Repair and Renovations</td>
<td></td>
</tr>
</tbody>
</table>

| Brooks Hall        | $ 515,716             |
| Project# 202020007 |                       |
| HVAC Renovation Matsumato Wing |               |
| Designer: McKim & Creed |               |
| Raleigh, NC        |                       |
| Fund Source: Repair and Renovations |            |

| Thomas Hall        | $ 438,950             |
| Project# 202020008 |                       |
| HVAC Upgrades      |                       |
| Designer: Newcomb & Boyd |               |
| Raleigh, NC        |                       |
| Fund Source: Repair and Renovations |            |

| Bowen Hall         | $ 219,705             |
| Project# 202035119 |                       |
| Flooring Abatement |                       |
| Designer: Matrix Health and Safety Consultants |               |
| Raleigh, NC        |                       |
| Fund Source: Housing Trust Funds |            |

| Pullen Hall        | $ 185,000             |
| Project# 202035034 |                       |
| Interior Renovations |                  |
| Designer: Design Line Studios | |
| Cary, NC           |                       |
| Fund Source: Housing Trust Funds |            |

| USDA Modular Trailer | $ 170,000            |
| Project# 202035103  |                       |
| Relocation          |                       |
| Designer: Sepi Engineering & Construction |               |
| Raleigh, NC         |                       |
| Fund Source: I-440 Widening |            |

| CMAST               | $ 167,000             |
| Project# 202035109  |                       |
| Standby Power Improvements |         |
| Designer: NV5 |               |
| Morrisville, NC    |                       |
| Fund Source: Carry Forward/F&A Funds |            |
Approval of Plans and Specifications of Formal Projects
$2M or Less

Cox Hall $ 128,330
Project# 202135004
Renovation Suite 506
Designer: Thoughtcraft Architects, PLLC
Chapel Hill, NC
Fund Source: Chemistry Appropriated Funds
Approval of Designer Selections for Projects $1M or Less

Note: The projects below are submitted to the Board of Trustees Buildings and Property Committee for formal approval of designer selections for projects for $1M or less that are not on the OESAD list. This listing represents designers selected since April 15, 2021.

**Project: HVAC Renovations Matsumoto Wing- Brooks Hall**
Designer: McKim & Creed
Source: Repair and Renovations

**Fee:** $49,900

**Project: BTEC Process Chilled Water Extension**
Designer: Dewberry
Source: BTEC Trust Funds

**Fee:** $8,450

**Project: Renovation of Suite 100 Feasibility Study- Patterson Hall**
Designer: IBI Group of NC, PC
Source: Agricultural Institute Appropriated Funds

**Fee:** $19,900

**Project: Lake Wheeler Main Distribution Frame**
Designer: Tonic Design
Source: Comtech Trust Funds

**Fee:** $75,000

**Project: Carmichael HES Improvements & Feasibility Study**
Designer: CRA Associates, Inc.
Source: Health & Exercise Studies Appropriated Funds

**Fee:** $26,400

**Project: HVAC Upgrades to Thomas Hall**
Designer: Newcomb & Boyd
Source: Repair and Renovations

**Fee:** $61,050

**Project: Equine CT Room Renovation CVM Main**
Designer: Wagner Architecture
Source: CVM Trust Funds

**Fee:** $64,400

**Project: Centennial Campus Steam Leak Repair**
Designer: Affiliated Engineers
Source: Utilities and Engineering Appropriated Funds

**Fee:** $43,500

**Project: MDF Commissioning Plan Poe Hall**
Designer: Affiliated Engineers
Source: Comtech Trust Funds

**Fee:** $29,550

**Project: Battery Storage- Centennial Campus Infrastructure**
Designer: Optima Engineering
Source: Energy Mgmt HB 1292 Funds

**Fee:** $5,500

**Project: Solar Photovoltaic Array Fitts Woolard Hall**
Designer: Optima Engineering
Source: Energy Mgmt HB 1292 Funds

**Fee:** $8,500

**Project: Steam Tunnel Structural Evaluation between Park Shops & Poe Hall**
Designer: Dewberry
Source: Facilities Appropriated Funds

**Fee:** $9,050
<table>
<thead>
<tr>
<th>Code/Item</th>
<th>Project#</th>
<th>Location</th>
<th>Title</th>
<th>Cost of Work</th>
<th>University Acceptance</th>
</tr>
</thead>
<tbody>
<tr>
<td>41824/330</td>
<td>201920020</td>
<td>Infrastructure</td>
<td>Central Campus Electrical Upgrade Phase 2 Distribution</td>
<td>$5,032,000</td>
<td>6/23/2021</td>
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<tr>
<td>N/A</td>
<td>202035052</td>
<td>Poe Hall</td>
<td>Room 102A Exhaust for 3D Printers &amp; Laser Cutters</td>
<td>$114,300</td>
<td>6/16/2021</td>
</tr>
<tr>
<td>N/A</td>
<td>202124050</td>
<td>Hodges, Biltmore, Admin 1, Headhouse Unit 1</td>
<td>Fall Protection</td>
<td>$141,317</td>
<td>6/21/2021</td>
</tr>
<tr>
<td>N/A</td>
<td>202035145</td>
<td>Caldwell Hall</td>
<td>Building Envelope Evaluation and Repair</td>
<td>$142,179</td>
<td>6/11/2021</td>
</tr>
<tr>
<td>N/A</td>
<td>202035079</td>
<td>2207, 2209 Hope Street and 11 Enterprise Street</td>
<td>Structure Removals</td>
<td>$165,680</td>
<td>5/25/2021</td>
</tr>
<tr>
<td>41824/328</td>
<td>201935064</td>
<td>Textiles</td>
<td>Renovations to Classrooms 2207, 2208, 2209, 2211</td>
<td>$277,482</td>
<td>4/22/2021</td>
</tr>
<tr>
<td>41824/331</td>
<td>201920014</td>
<td>Brooks &amp; Bostian</td>
<td>Fire Alarm Replacement</td>
<td>$495,862</td>
<td>5/3/2021</td>
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<tr>
<td>N/A</td>
<td>202035037</td>
<td>Poe Hall</td>
<td>Suite 517 Renovations</td>
<td>$186,078</td>
<td>5/6/2021</td>
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<tr>
<td>41824/312</td>
<td>201920036</td>
<td>Lee Hall</td>
<td>Chiller Replacement</td>
<td>$486,805</td>
<td>4/22/2021</td>
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<tr>
<td>41924/304</td>
<td>201920027</td>
<td>512 Brickhaven</td>
<td>Parking Lot Replacement 512 Brickhaven Drive</td>
<td>$750,000</td>
<td>3/18/2021</td>
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<tr>
<td>42024/307</td>
<td>202135010</td>
<td>Bragaw Hall</td>
<td>Electrical Distribution Re-Build</td>
<td>$391,507</td>
<td>7/8/2021</td>
</tr>
<tr>
<td>41824/319</td>
<td>202035075</td>
<td>Greek Village</td>
<td>Telecom Hub Greek Village</td>
<td>$84,717</td>
<td>3/22/2021</td>
</tr>
<tr>
<td>N/A</td>
<td>202135003</td>
<td>Dabney Hall</td>
<td>Renovation to Lab 612 and Offices</td>
<td>$160,565</td>
<td>8/4/2021</td>
</tr>
</tbody>
</table>

**TOTAL** $8,428,292
# Approval of Non-Appropriated Capital Improvement Projects Less Than $750,000

**September 9, 2021**

<table>
<thead>
<tr>
<th>Project Title</th>
<th>Total Project Cost ($)</th>
<th>Previous Authorization ($)</th>
<th>Requested Authorization ($)</th>
<th>Authorization Type</th>
<th>Funding Source</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Culinary Lab Renovations – Schaub Hall</td>
<td>$460,000</td>
<td>$380,000</td>
<td>$460,000</td>
<td>Full</td>
<td>F&amp;A</td>
<td>Renovate Schaub Hall (1968) room G27 and G29 to create a new Good Manufacturing Practices (GMP) Culinary Lab for the Department of Food, Bioprocessing and Nutrition Sciences. The scope will include modifications to the mechanical system and ductwork, new grease waste piping, relocating floor drains and natural gas terminations. Will install a new exhaust hood and chase. Upgrades to finishes to meet FDA and GMP guidelines are also included. The additional authority will enable the project to include the exhaust hood and address HVAC and utility functionality associated with the installation.</td>
</tr>
<tr>
<td>X-Ray Room 2361 Upgrade – Terry Medical Center</td>
<td>$400,000</td>
<td>-</td>
<td>$400,000</td>
<td>Other Trust Funds</td>
<td></td>
<td>Enlarges room 2361 in the Terry Companion Veterinary Medical Center to accommodate a future medical fluoroscopy X-Ray equipment and hoist. This will allow staff to improve how animals are handled during the procedure. The scope includes</td>
</tr>
<tr>
<td>Description</td>
<td>Cost</td>
<td>Source</td>
<td>Phase</td>
<td>Remarks</td>
<td></td>
<td></td>
</tr>
<tr>
<td>----------------------------------------------------------------------------</td>
<td>--------</td>
<td>-----------------</td>
<td>-------</td>
<td>-----------------------------------------------------------------------------------------------------------------------------------------</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Battery Storage – Centennial Campus Infrastructure</td>
<td>$500,000</td>
<td></td>
<td>Full</td>
<td>HB1292 Energy Conservation Savings fund</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>$500,000</td>
<td></td>
<td></td>
<td>Install an electrical infrastructure and equipment for a new 120 kw / 240 kwh battery storage system on Centennial Campus associated with solar photovoltaic and medium voltage electrical distribution system.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>12-inch Water Main Replacement – Dunn to Yarbrough Dr.</td>
<td>$300,000</td>
<td></td>
<td>Full</td>
<td>F&amp;A</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>$300,000</td>
<td></td>
<td></td>
<td>Replace the failing 12&quot; cast iron water main line (circa 1969) under the NC Railroad from Dunn Ave to Yarbrough Drive. The new water main line will be a 12&quot; ductile iron water main.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>HVAC Renovation – Jordan Hall</td>
<td>$700,000</td>
<td></td>
<td>Full</td>
<td>F&amp;A</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>$700,000</td>
<td></td>
<td></td>
<td>Renovate the air handle at Jordan hall (1989). The HVAC components will be refurbished to extend the life of the system and improve indoor air quality and exhaust system. The project will be phased to minimize disruptions in the occupied research and teaching lab building.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Solar Photovoltaic Array – Fitts-Woolard Hall</td>
<td>$370,000</td>
<td></td>
<td>Full</td>
<td>HB1292 funds, F&amp;A, Other trust funds</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>$370,000</td>
<td></td>
<td></td>
<td>Install a solar photovoltaic array on the roof of Fitts-Woolard Hall. This is the first phase of the project and will install the infrastructure, optimizers, and</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Project Description</td>
<td>Cost</td>
<td>Hours</td>
<td>Total Cost</td>
<td>Status</td>
<td>Fund</td>
<td>Description</td>
</tr>
<tr>
<td>-----------------------------------------------------------------------------------</td>
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<td>-------</td>
<td>------------</td>
<td>--------</td>
<td>---------------</td>
<td>---------------------------------------------------------------------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>AERPAW Lake Wheeler Phase 2 Field Labs</td>
<td>$426,813</td>
<td>-</td>
<td>$426,813</td>
<td>Full</td>
<td>Trust fund</td>
<td>To construct four wireless research antenna tower sites and a new 600 square foot Flight Operations Center (FOC) building at the Lake Wheeler Road Field Labs. Each tower will include a reinforced concrete equipment pad and base, a telescopic wireless communications tower, and equipment cabinets within a new perimeter security fence. Electric power and data communication services will be connected at each tower site and the FOC building. The OFC will be a done repair and storage facility.</td>
</tr>
<tr>
<td>North Endzone Concourse Seating Replacement – Carter Finley Stadium</td>
<td>$400,000</td>
<td>-</td>
<td>$400,000</td>
<td>Full</td>
<td>Trust fund</td>
<td>Replace the existing north endzone concourse bleacher seating with premium seating, including tables, stools, and food service counters.</td>
</tr>
</tbody>
</table>
# Capital Projects at a Glance
## as of July 31, 2021
### NORTH CAROLINA STATE UNIVERSITY

<table>
<thead>
<tr>
<th>Code/Item</th>
<th>Project Name</th>
<th>Phase</th>
<th>Bid</th>
<th>Expected Acceptance</th>
<th>Total Project</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>41824 318</td>
<td>Dairy Facility at CVM</td>
<td>Design</td>
<td>7/29/21</td>
<td>7/7/22</td>
<td>$5.5M</td>
<td>Request for Award Underway</td>
</tr>
<tr>
<td>42024 324</td>
<td>Scott Hall HVAC Upgrades - Phase 2</td>
<td>Design</td>
<td>9/22/21</td>
<td>3/26/22</td>
<td>$763</td>
<td>CD Review Underway</td>
</tr>
<tr>
<td>41524 338</td>
<td>Dabney Upgrade Ph 3 8th Floor HVAC</td>
<td>Design</td>
<td>9/30/21</td>
<td>2/28/22</td>
<td>$1M</td>
<td>Scope Review Underway</td>
</tr>
<tr>
<td>41824 310</td>
<td>Water Line Modifications at Ligon Street Bridge</td>
<td>Design</td>
<td>10/15/21</td>
<td>1/11/22</td>
<td>$550K</td>
<td>CD Review Underway</td>
</tr>
<tr>
<td>42024 306</td>
<td>Equine CT Room Renovation - CVM</td>
<td>Design</td>
<td>11/7/21</td>
<td>6/8/22</td>
<td>$600K</td>
<td>CD Review Underway</td>
</tr>
<tr>
<td>41824 317</td>
<td>Structural Repairs Mann Hall</td>
<td>Design</td>
<td>11/22/21</td>
<td>12/20/22</td>
<td>$5M</td>
<td>CD Review Underway</td>
</tr>
<tr>
<td>41924 303</td>
<td>Electrical Distribution Upgrade</td>
<td>Design</td>
<td>12/7/21</td>
<td>3/16/25</td>
<td>$58.8M</td>
<td>CD Phase Underway</td>
</tr>
<tr>
<td>42024 301</td>
<td>Main Campus Utility Infrastructure Upgrades</td>
<td>Design</td>
<td>TBD</td>
<td>TBD</td>
<td>$3M</td>
<td>Scope Review Underway</td>
</tr>
<tr>
<td>42024 308</td>
<td>Swine Holding Facility - CVM</td>
<td>Design</td>
<td>TBD</td>
<td>TBD</td>
<td>$1M</td>
<td>Designer Selection Underway</td>
</tr>
<tr>
<td>41924 305</td>
<td>Ricks Hall 2nd Floor Renovation</td>
<td>Design</td>
<td>1/20/22</td>
<td>6/23/23</td>
<td>$8.5M</td>
<td>SD/DD Review Underway</td>
</tr>
<tr>
<td>42024 312</td>
<td>Jordan Hall - HVAC Renovation</td>
<td>Design</td>
<td>1/20/22</td>
<td>7/29/22</td>
<td>$700K</td>
<td>Designer Selection Underway</td>
</tr>
<tr>
<td>41324 320</td>
<td>HVAC Renovations Matsumoto Wing - Brooks Hall</td>
<td>Design</td>
<td>1/22/22</td>
<td>7/23/22</td>
<td>$555K</td>
<td>SD/DD Review Underway</td>
</tr>
<tr>
<td>41924 326</td>
<td>Page Hall Mechanical &amp; Electrical Upgrade</td>
<td>Design</td>
<td>2/11/22</td>
<td>2/16/23</td>
<td>$8.2M</td>
<td>CD Review Underway</td>
</tr>
<tr>
<td>42024 324</td>
<td>HVAC Upgrades - Thomas Hall</td>
<td>Design</td>
<td>2/26/22</td>
<td>8/27/22</td>
<td>$500K</td>
<td>SD/DD Review Underway</td>
</tr>
<tr>
<td>41924 317</td>
<td>Varsity Drive Parking Lot Expansion</td>
<td>Design</td>
<td>3/20/22</td>
<td>3/30/23</td>
<td>$5.5M</td>
<td>Schematic Design Underway</td>
</tr>
<tr>
<td>42024 301</td>
<td>STEM Building - Integrative Sciences Building</td>
<td>Design</td>
<td>5/21/23</td>
<td>11/16/26</td>
<td>$160M</td>
<td>Designer Proposal Underway</td>
</tr>
<tr>
<td>41524 313</td>
<td>Fitts-Woolard Hall (Engineering Building Oval)</td>
<td>Construction</td>
<td>8/13/21</td>
<td>$137M</td>
<td>99% Construction Complete</td>
<td></td>
</tr>
<tr>
<td>41824 334</td>
<td>Library Renovations Jordan Hall</td>
<td>Construction</td>
<td>8/26/21</td>
<td>$1.5M</td>
<td>88% Construction Complete</td>
<td></td>
</tr>
<tr>
<td>41724 316</td>
<td>Steam Phase VIIIc</td>
<td>Construction</td>
<td>10/4/21</td>
<td>$1.7M</td>
<td>60% Construction Complete</td>
<td></td>
</tr>
<tr>
<td>41824 333</td>
<td>Lab &amp; Building Systems Modifications VRB</td>
<td>Construction</td>
<td>11/5/21</td>
<td>$1.5M</td>
<td>9% Construction Complete</td>
<td></td>
</tr>
<tr>
<td>41524 314</td>
<td>Plant Sciences Building</td>
<td>Construction</td>
<td>2/4/22</td>
<td>$150.6M</td>
<td>82% Construction Complete</td>
<td></td>
</tr>
<tr>
<td>41824 319</td>
<td>Greek Village Phase 4 Infrastructure, Townhomes, Apts</td>
<td>Construction</td>
<td>6/6/23</td>
<td>$47.5M</td>
<td>32% Construction Complete</td>
<td></td>
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### STATUS OF PROJECTS IN PLANNING

<table>
<thead>
<tr>
<th>SUBMITTAL NUMBER</th>
<th>PROJECT NAME</th>
<th>SCOPE</th>
<th>DESIGNER</th>
<th>TRUSTEE'S BPC SITE</th>
<th>CAMPUS DESIGN REVIEW</th>
<th>TRUSTEE'S BPC PLAN</th>
<th>CONSTRUCTION DURATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>172</td>
<td>USDA-ARS Building ad Lake Wheeler Field Labs (land lease - federally funded)</td>
<td>$35,500,000</td>
<td>CPL</td>
<td>4/15/2021</td>
<td>3/31/21 5/26/21</td>
<td>9/9/2021</td>
<td>Fall 2021 Summer 2022</td>
</tr>
<tr>
<td>171</td>
<td>Mann Hall Structural Repairs (window replacement)</td>
<td>$5,500,000</td>
<td>SKA Engineers</td>
<td>April 2019</td>
<td>4/15/2021</td>
<td>5/26/21</td>
<td>Fall 2023 Jan 2026</td>
</tr>
<tr>
<td>170</td>
<td>Integrative Sciences Building</td>
<td>$160,000,000</td>
<td>Moseley Architects/ZGF</td>
<td>Dec 2020</td>
<td>4/15/2021</td>
<td>3/31/2021</td>
<td>11/21/19 - Site 9/9/21</td>
</tr>
<tr>
<td>164</td>
<td>Varsity Drive Parking Lot Site Selection</td>
<td>$5,500,000</td>
<td>Draper Aiden Associates</td>
<td>March 2020</td>
<td>4/15/2021</td>
<td>11/21/2019</td>
<td>March 2022 March 2023</td>
</tr>
</tbody>
</table>

#### UPCOMING PROJECTS

- Ricks Hall 2nd Floor Renovations $5,000,000 HH Architecture March 2020 N/A N/A July 2022
- Page Hall Mechanical & Electrical Upgrade $5,700,000 Watson Tate Savory August 2020 N/A N/A October 2022

#### APPROVED PROJECTS

<table>
<thead>
<tr>
<th>SUBMITTAL NUMBER</th>
<th>PROJECT NAME</th>
<th>SCOPE</th>
<th>DESIGNER</th>
<th>TRUSTEE'S BPC SITE</th>
<th>CAMPUS DESIGN REVIEW</th>
<th>TRUSTEE'S BPC PLAN</th>
<th>CONSTRUCTION DURATION</th>
</tr>
</thead>
</table>
North Oval Innovation District

• PLACEHOLDER SLIDE – TO BE REPLACED PRIOR TO BOARD MATERIALS BEING MADE “LIVE” TO COMMITTEE

• Intent of agenda item and slide is to provide a status update on the Innovation District project (with the best then-current information)
Centennial Campus Zoning Update

- The rezoning of the Centennial Campus to the Campus Master Plan (CMP) zone district has been completed.

- By *unanimous approval*, the City of Raleigh Planning Commission and City Council approved the rezoning request in spring 2021.

- Also by *unanimous consent*, Council of State approval was granted in August 2021.
Centennial Campus Zoning Update

- Provides long-term rights for future development on Centennial campus aligned with the City’s current zoning ordinances
  - Additional ~1.9M square feet of development rights on Centennial Campus (total of ~13.8Msf; ~4.5M currently developed)
  - Flexibility in building height and uses aligned with academic, research and public-private partnership
  - Allows for aggregation of parking and other flexibilities taking into account the campus context

- Creates certainty with respect to development rights and obligations
  - Establishes certain parameters for the Physical Master Plan process
  - CMP Zoning could be amended in the future to include other areas of NC State’s campus
Physical Master Plan Update

Doug Morton
Associate Vice Chancellor, Facilities
R&R Budget Priorities

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Associate Vice Chancellor, Facilities