#### LB384 Capital Renewal

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Aug 24, 2021



## Capital Renewal - The First \$400m

- This Group of Projects Completes by end of 2025
- All Campuses Statewide
  - UNO, UNMC, UNK, UNL & IANR, NCTA
  - University Building Guidelines, ADA, Code, Fire & Life Safety
- Efficient & Sustainable Building Project Renewals
  - Green Bonds for select projects
  - Net 0 sf
  - Best Practices Operations Teams on Each Campus
- Building Condition Assessments Baseline in 2022
  - Annual Reassessments, KPI's, Planning & Metrics for next phases of renewal
  - 2% Annual Contribution to Renewal Fund

# Project Types – State Buildings

- Major Building Improvements (Large >\$5m)
  - Demo & Rebuild
  - Transformational Renovation
  - Building Systems Renewal & Renovations (Envelopes, MEP, F&LS, ADA, Finishes)
- Renewal Project Groups (Small <\$5m)
  - Building Envelopes
  - MEP Systems & Equipment
  - Interior Renewals
  - Fire & Life Safety, ADA, Code
  - Exterior Sites & ADA, Lighting, Safety, Streets & Roads





## UNO PROJECTS \$48M TOTAL





### UNO – Kayser Hall (Bak Museum)

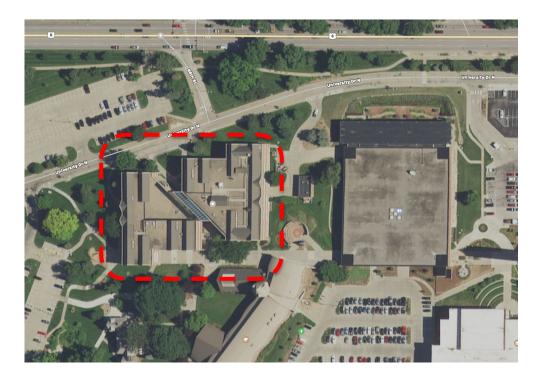
- Transformational Renovation
  - Lower Museum
  - Upper Academic & Staff Support
  - Partial Façade Removal/Glass Install
- \$10m (\$23m total project)
- 58,000 gsf
- A&E Selection Phase
- CMR Selection Phase



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#### **UNO – Durham Science Center**

- Major Building Renovation
- \$15m (\$35m total)
- 164,200 gsf
- A&E Selected (C+E)
- Schematic Design Phase
- CMR Selected (McCarthy)







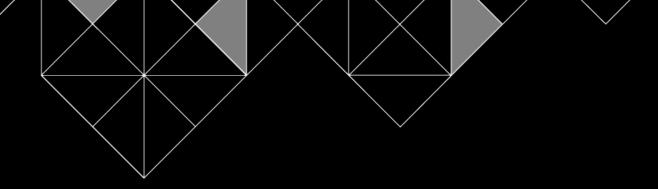
### UNO – Renewal Project Groups

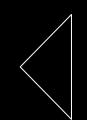
- CUP Equipment, Distribution
  - CUP Chiller, Boiler, Cooling Tower Replacement
  - CUP Steam & Chilled Water Distribution
  - PKI Chiller, Cooling Tower Replacement
- Roofing/Exteriors (PKI, H&K, Others)
- Electrical Distribution
- Foundations & Waterproofing (Library)
- ECMS

4,300,000 4,000,000 1,500,000 1,000,000

\$12,200,000







## UNMC PROJECTS \$72M TOTAL





#### UNMC – Renewal Projects

#### Major Building Improvements

- Eppley Science Hall \$37,500,000
- CoAHP Building 17,000,000
- College of Nursing 12,500,000

#### **Renewal Project Groups**

- LTC Elevators \$3,000,000
- LTC Roofs 1,500,000
- Other Renewals



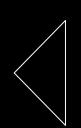
ONE UNIVERSITY. FOUR CAMPUSES. ONE NEBRASKA.

500,000

 $\longrightarrow$ 







# UNK PROJECTS \$36M TOTAL

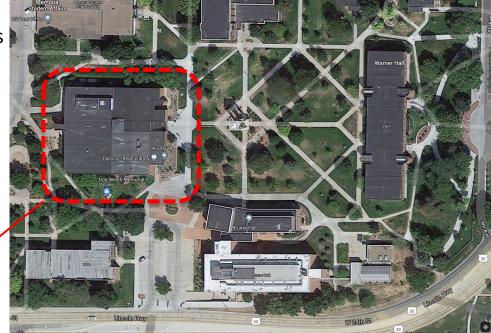




#### UNK – Calvin T. Ryan Library

- Major Building Renovation
  - MEP, Bldg., Envelope, Interiors
  - Life Safety & Code
- \$25m
- 122,300 GSF
- Programming Phase











#### UNK – Renewal Project Groups

#### • HVAC

- Warner Hall HVAC System Renewals
- Replace all Pneumatics with Electronic Controls
- Complete CO2 monitoring systems all state buildings on campus
- Roofing/Exteriors
  - COE, Bruner, H&SC, Copeland Roof and TP, WHP Roof and Windows
- Safety Access
  - Exterior Door Card Access System Replacements
- Accessibility
  - ADA Doors & Entrances, Elevators, CC repairs & replacements

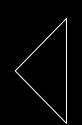
\$5,200,000

4,400,000

800,000

600,000





## UNL PROJECTS \$216M TOTAL





### UNL – Westbrook Music Building

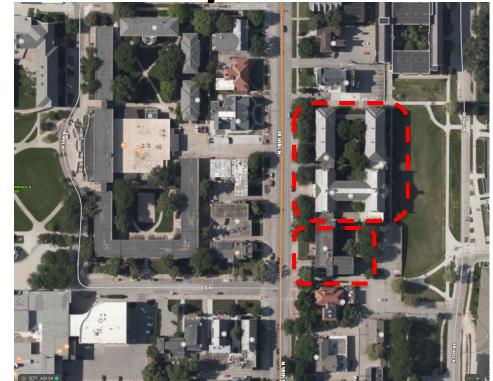
- Demo & Rebuild
  - Rebuild west of existing structure
- \$75m project
- 87,000 gsf
- Programming Phase



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### UNL – Neihardt Complex

- Major Renovations
  - Includes Demo of Piper Hall
  - ADA & Code Compliance
  - HVAC & Systems Renewal
- \$25m project
- 37,000 gsf
- Programming Phase





#### UNL – Architecture Hall

- 2 Phases
- 1<sup>st</sup> Phase Rebids Fall 2021
  - Studio, Library & Link
  - ~ \$4m of total project
- 2<sup>nd</sup> Phase in Programming
  - Demo AHW Stacks & Rebuild
  - Renovate & Renew
  - MEP & Systems Renovations
- \$15m Total Project
- 88,800 gsf



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#### UNL – Kimball Recital Hall

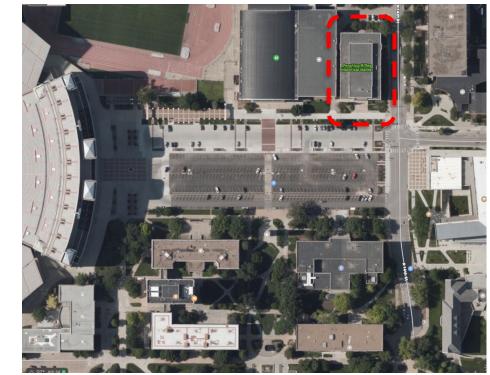
- Major Renovations
  - Aesthetics, Acoustics, Technology
  - ADA & Code Compliance
  - HVAC & Systems Renewal
- \$15m project
- 37,000 gsf
- Programming Phase



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#### **UNL – Pershing Military & Naval Science**

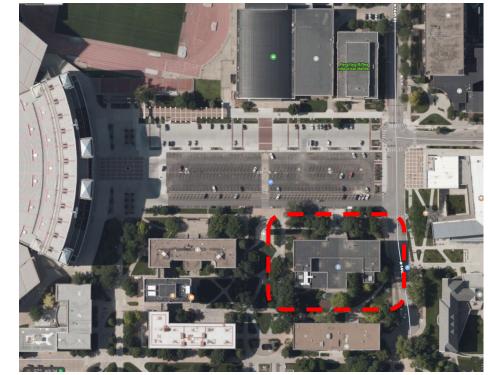
- Major Renovations
  - HVAC & Systems Renewal
  - ADA & Code Compliance
- \$10m project
- 58,000 gsf
- Programming Phase





### UNL – Morrill Hall

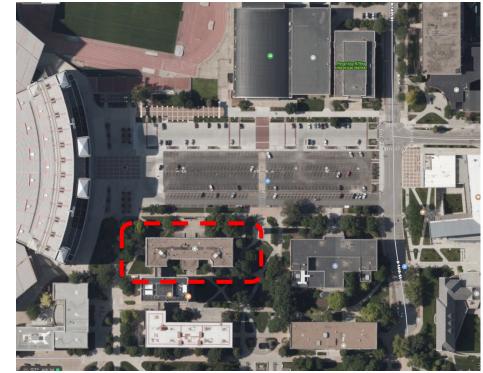
- Major Renovations
  - HVAC Systems & Code Renewals
- \$9,265,000 project
- Portions of Building
- Programming Phase





#### UNL – Bessey Hall

- Major Renovations
  - HVAC Systems & Code Renewals
- \$9,000,000 project
- Portions of Building
- Programming Phase





#### UNL – Andrews Hall

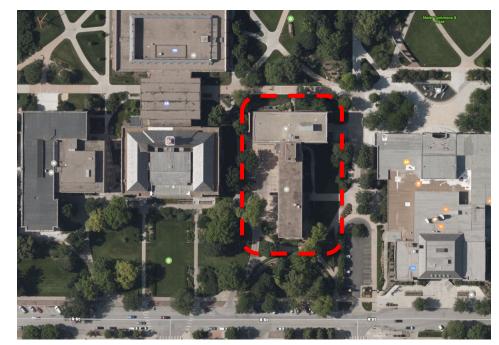
- HVAC Renovation
  - Air Handler
  - Structural Support Replacement
  - Fire & Life Safety Renewals
- \$5,340,000 project
- Portions of Building
- Study by Farris Engineering





#### UNL – Canfield Hall (South Mechanical)

- Mechanical Systems (2,3,4 flr)
- \$3,735,000 project
- Portions of Building



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#### UNL – Renewal Project Groups

- IANR (detail next page)
- Roofing/Exteriors
- HVAC
- Interior Renewals
- Fire & Life Safety
- Electrical & Plumbing

\$14,638,000 10,410,000 9,710,000 8,775,000 6,060,000 3,206,000



#### UNL – IANR Renewal Details

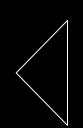
- Scottsbluff Elliot Bldg Water System, Roof, 2<sup>nd</sup> Floor HVAC \$5,260,000
- Clay Center Roof, HVAC Controls & System, Boilers 5,580,000
- Concord Replace HVAC Systems 144,000

200,000

120,000

- Mead Municipal Water System
- Mitchell Lionel Harris Roof, ADA, HVAC, Water System 1,700,000
- North Platte Snyder Bldg Roof, Chiller, HVAC, Water, Sewer 1,634,000
- Gudmundsen Wagonhammer Bldg Emergency Generator





## NCTA PROJECTS \$3M TOTAL





#### NCTA – Renewal Projects

**Building Improvements** 

- Library Learning Resource Center Envelope, MEP systems, ADA \$500,000
- Greenhouse Horticulture Office Roof, Interiors, ADA 500,000
- Ag Mech Roof, HVAC & Electrical Renewals
- Livestock Teaching Center Off HVAC, Arena Lighting, Heat, Water Systems 200,000

300,000

Ed Center – Nebraska Ag Industry Ed Center 100,000

#### **Renewal - Project Groups**

٠	Street Repair & Replacement	\$500,000
•	Sidewalks, Steps, Ramps, Railings, General Exterior ADA	250,000
•	Other General Renewals	650,000

#### Thank You!

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