



# Asset Preservation



# Asset Preservation Program Overview

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- Requested by CPE and Approved by the Governor & General Assembly for 2022-2024
- Objective/Goals:
  - Committing necessary resources to preserve, repair, or adaptively re-use current assets across higher education
  - Intended to keep the physical plant and infrastructure in reliable operating condition for their present use
  - Not to be used for new construction
- University Focus:
  - Infrastructure, access and safety across campus
- Funding Sources (\$106 mill spread over 2 years)
  - 70% from state funding= \$81.9 mill
  - 30% from university funds= \$24.6 mill
  - University portion sourced from new student fee
  - Restricted & regulated funding



**Natural  
Science  
Building**



# What does deferred maintenance look like?

## Current old systems - (Various Bldgs)

Systems exceed life expectancy

Gardiner Hall



Vogt Bldg



Natural Science Bldg



JB Speed Bldg



Law School Library

## Current new systems (Belknap Academic Bldg)



# Current University Needs

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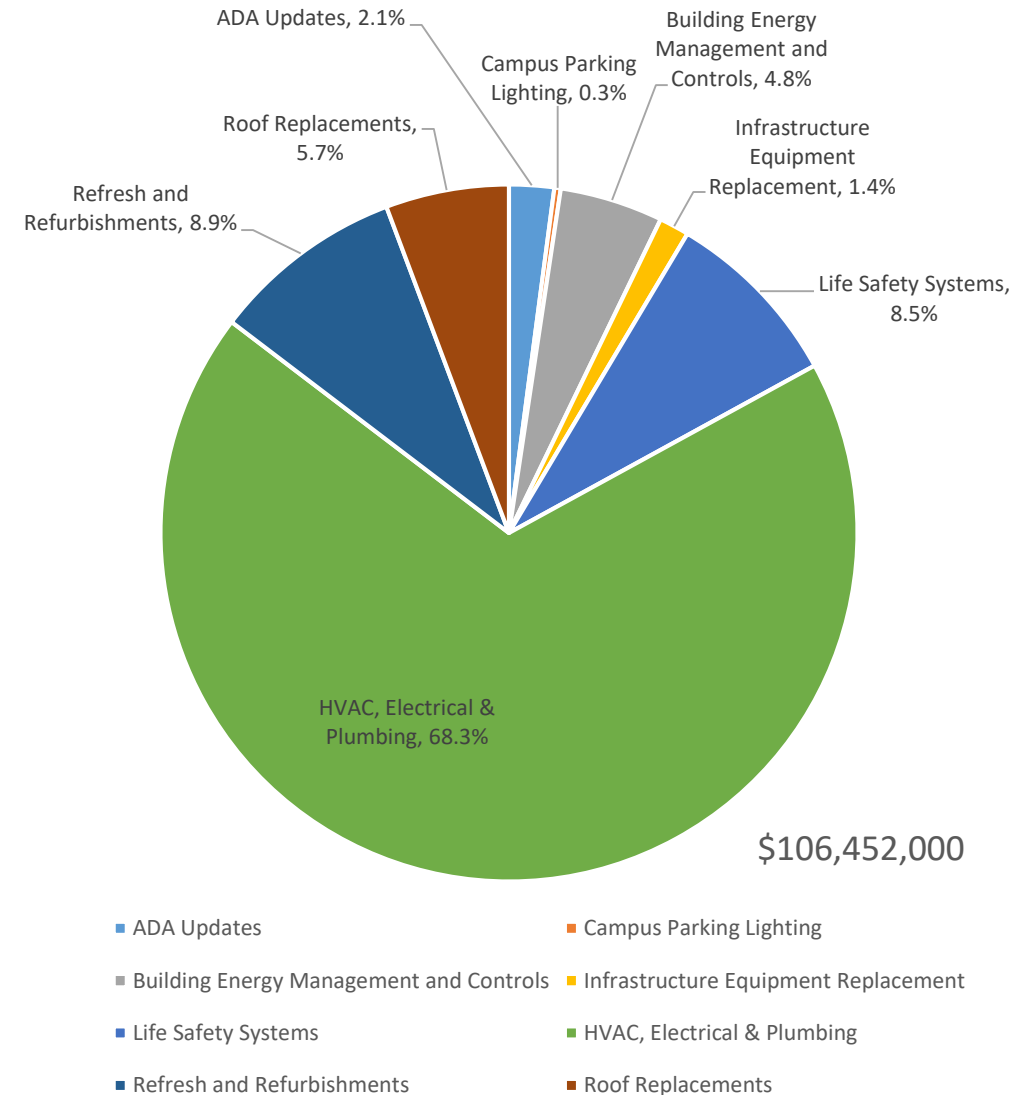
- Average age of our buildings is 55 years (78% are over 26 years)
  - 14 buildings are over 100 years old
- Budget limitations- only \$1 mill per year allocated to support asset preservation
- Current capital renewal and deferred maintenance cost exceeds \$1 billion.
- Needed repairs and upgrades to prevent building damage, such as roofing, windows, plumbing, elevators, etc.
- Upgrade electrical systems to prevent power outages
- Upgrade HVAC systems to provide quality comfort for students, faculty and staff in buildings and protection of assets
- Refurbishment/restoration of functionality of spaces, which includes painting, flooring, upgrade lighting, replace ceilings, etc.
- ADA Upgrades



**Vogt Building**

# Board of Trustees Approved General Project Categories

|   |           |                    |               |
|---|-----------|--------------------|---------------|
| ADA Updates                             | \$        | 2,218,840          | 2.1%          |
| Campus Parking Lighting                 | \$        | 316,200            | 0.3%          |
| Building Energy Management and Controls | \$        | 5,100,000          | 4.8%          |
| Infrastructure Equipment Replacement    | \$        | 1,479,000          | 1.4%          |
| Life Safety Systems                     | \$        | 9,011,700          | 8.5%          |
| HVAC, Electrical & Plumbing             | \$        | 72,731,960         | 68.3%         |
| Refresh and Refurbishments              | \$        | 9,504,900          | 8.9%          |
| Roof Replacements                       | \$        | 6,089,400          | 5.7%          |
| <b>Total</b>                            | <b>\$</b> | <b>106,452,000</b> | <b>100.0%</b> |





# Specific Project Examples

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- Sampling of buildings with various parts to be upgraded
  - HVAC and/or Electrical - Life Science, Natural Science, Vogt Bldg, Law School, Schneider Hall, Music School, Belknap Electrical Substation, CII, CTR, Medical Tower, Instructional Bldg
  - Fire Alarm Upgrades – Brodschi Hall, KY Lions Eye, Gottschalk Hall, Dental School, Ernst Hall
  - Roofs – Ekstrom Library, Medical Tower, Instructional Bldg, Business School, Brigman Hall
- Additional Upgrade Categories for various buildings on HSC and Belknap Campuses
  - Safety System Upgrades
    - Door access systems and Campus Cameras
  - Additional equipment to be upgraded
    - Elevators, System Controls, Generators, Deaerator Tank System (CTR)
  - Refresh and refurbish spaces to benefit university community
    - Lighting, painting, ceilings, flooring, restroom refresh, ADA door hardware upgrades, signage



**Life Science Building**

# Campus Impact: What to Expect

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- Implement projects during campus down time as much as possible
  - Space Manager, Karen Blake, will work with departments to handle any temporary space assignments
- Things WILL change: supplier chain, inflation and labor pressures - be patient
- Buildings impacted winter break 2022
  - Vogt Bldg (Phase 1)
- Buildings impacted summer of 2023
  - Thrust Theatre, Music School, Strickler Hall (Honors space only), Vogt Building
- Buildings impacted winter break 2023
  - Music School
- Buildings impacted summer of 2024
  - Schneider Hall, Law School, Life Science, Natural Science, JB Speed, buildings on Belknap Electrical Switchgear



Schneider Hall

**QUESTIONS**