Asset Preservation Program Overview

- 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

• 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
<table>
<thead>
<tr>
<th>Category</th>
<th>Budget</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADA Updates</td>
<td>$2,218,840</td>
<td>2.1%</td>
</tr>
<tr>
<td>Campus Parking Lighting</td>
<td>$316,200</td>
<td>0.3%</td>
</tr>
<tr>
<td>Building Energy Management and Controls</td>
<td>$5,100,000</td>
<td>4.8%</td>
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<tr>
<td>Infrastructure Equipment Replacement</td>
<td>$1,479,000</td>
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<tr>
<td>Life Safety Systems</td>
<td>$9,011,700</td>
<td>8.5%</td>
</tr>
<tr>
<td>HVAC, Electrical &amp; Plumbing</td>
<td>$72,731,960</td>
<td>68.3%</td>
</tr>
<tr>
<td>Refresh and Refurbishments</td>
<td>$9,504,900</td>
<td>8.9%</td>
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<tr>
<td>Roof Replacements</td>
<td>$6,089,400</td>
<td>5.7%</td>
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<tr>
<td><strong>Total</strong></td>
<td><strong>$106,452,000</strong></td>
<td><strong>100.0%</strong></td>
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Specific Project Examples

• 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
Campus Impact: What to Expect

• 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
QUESTIONS