Areas of Focus

ROOFS

Minnesota State maintains nearly 13.1 million square feet of roofs on its academic buildings—an area equivalent to the size of 228 football fields. Roofing is one of the most critical waterproofing elements of a building and often is neither seen nor given much attention until failures occur. Campus impacts include:

- Costly structural damage
- Water leaks, interior damage, HVAC, Roof, Exteriors
- Energy inefficiency, water damage
- Impaired insulation
- Damage to interior finishes
- Exterior, HVAC, Roof
- Corrosion and degrading steel
- Energy, Life, Health, and Safety, Roof, HVAC, Roof
- Electrical brown outs, outages, Electrical, Roof, Exteriors
- Indoor air quality and mold problems
- HVAC, Roof, Exteriors
- Damage to classrooms and exteriors
- Water leaks, damage, mold
- Inadequate ventilation, water damage
- Energy inefficiency, possible Life, Health, and Safety
- Roof

Electrical brown outs, outages, Electrical, Roof, Exteriors

At Rochester Community and Technical College, the college no longer installs ceiling-mounted projectors due to roof leaks in its Science and Technology Building. The college now relies on mobile projectors as we await funding to replace the roof, so as not to risk water leaks damaging our technology.

– Steve Schnell, CFO, Rochester Community and Technical College

FOR A FULL OVERVIEW ON THE CAPITAL REQUEST, VISIT: MinnState.edu/legislative

Boilers and chillers

At North Hennepin Community College, the main boilers that heat eight of the nine campus buildings are over 50 years old and getting temperamental. The controls for the boilers are getting hard to find and need to be replaced soon. With the upcoming weather, supplying and retaining the heat within our buildings is getting more difficult.

– Stephen Kent, Vice President of Finance and Facilities, North Hennepin Community College

At Bemidji State University, the medium voltage electrical cabling is the electrical life line to every building on campus. The cabling is located in many of the pedestrian tunnels of the campus and causes major safety concerns when a failure occurs. We’ve had four power failures impacting campus buildings in the last four years due to equipment wearing out.

– Travis Barnes, Director of Facilities, Bemidji State University

Electrical grids

Alexandria Technical & Community College

At Alexandria Technical & Community College, many of the educational buildings have severe electrical system problems. Our campus boilers and chillers are well beyond their useful lives on many campuses and operating inefficiently. Campuses impacts include:

- Costly structural damage
- Impaired insulation
- Damage to interior finishes
- Interior, HVAC, Roof, Exteriors
- Corrosion and degrading steel
- Energy, Life, Health, and Safety, Roof, HVAC, Roof
- Electrical brown outs, outages, Electrical, Roof, Exteriors
- Indoor air quality and mold problems
- HVAC, Roof, Exteriors
- Damage to classrooms and exteriors
- Water leaks, damage, mold
- Inadequate ventilation, water damage
- Energy inefficiency, possible Life, Health, and Safety
- Roof

At-a-Glance: 2020 Asset Preservation and Replacement Projects

Projects as of July 2019, subject to change

Dakota County Technical College

PRIORITY PROJECTS: HVAC, Roof

ESTIMATED HAPR ALLOCATION: $4.0 million

RISK OF CONTINUED DEGRADATION: Inadequate ventilation, water damage, mold

Hennepin Technical College

PRIORITY PROJECTS: Roof

ESTIMATED HAPR ALLOCATION: $1.5 million

RISK OF CONTINUED DEGRADATION: Inadequate ventilation, water damage, mold

Inver Hills Community College

PRIORITY PROJECTS: HVAC, Roof

ESTIMATED HAPR ALLOCATION: $2.5 million

RISK OF CONTINUED DEGRADATION: Inadequate ventilation, water damage, mold

Lake Superior College

PRIORITY PROJECTS: Exteriors, Roof

ESTIMATED HAPR ALLOCATION: $1.2 million

RISK OF CONTINUED DEGRADATION: Roof leaks, water damage, damage to interiors

Metropolitan State University

PRIORITY PROJECTS: Exteriors

ESTIMATED HAPR ALLOCATION: 400,000

RISK OF CONTINUED DEGRADATION: Corrosion and degrading steel