ELLIS HALL (1959)
Springfield Campus

Ellis Hall houses the Music Department offering programs in performance, composition, musical theater and electronic arts. This facility contains approximately 45,000 square feet, featuring an exterior limestone panel surface, low efficiency single pane glass curtain walls, and 19,000 square feet of roof surface at the end of its life expectancy.

This four-story facility features original interior surfaces retained from original construction. Painted cinder block walls, deteriorating birch paneling, and carpeted walls are prevalent throughout. Delaminating wooden lockers are publicly viewable in the lower hall. Flooring conditions are subject to tiles adhered to concrete using asbestos based adhesives. Partial classroom and hallway flooring has been removed exposing stained and patched concrete surfaces.

Recital halls are less than desirable with poor acoustics, outdated auditorium lighting controls, and textured ceilings incapable of being properly maintained, and generally not appropriate for handicap access. Offices, practice rooms, and storage rooms typically are minimal in space, poorly illuminated, poorly ventilated, leaving an unpleasant atmosphere. Educational technology media is compromised in classrooms and labs with uncontrollable daylighting affecting lecture surfaces.

Climate control throughout the building is poor and is a great concern for expensive musical instruments. Portions of the control system remain original and upgrades are no longer manufacturer-supported. It is typical to find one air moving device serving an entire section of floor, with limited individual thermostat control. It is necessary to replace this system with energy efficient units and greater temperature control. Domestic water piping and associated equipment is reaching the end of its life.

Life safety is lacking throughout the facility. Although the building is equipped with a basic fire alarm panel and smoke detectors, the facility is not equipped with any form of fire suppression. This makes the building, its contents, and occupants vulnerable to risk.

In addition to the items listed above, technology infrastructure, fixtures and equipment will need to be anticipated to complete the planning, renovation and rehabilitation of Ellis Hall.

**TOTAL ESTIMATED COST (ELLIS HALL): $7,581,818**
MISSOURI HALL (1966)
West Plains Campus

This University-owned building contains about 8,200 square feet and is currently leased to the United States Postal Service (USPS) and serves as the main post office in West Plains, Missouri. The lease with USPS has an upcoming expiration date. The University will renovate the facility at that time for classroom and faculty and staff administration space. Through the creation of both large and small classrooms, a large computer lab, a conference room, a seminar room, faculty/staff offices, space for administrative support personnel, and a reception area, much needed space will be created, thus making the space functional for University use. The original restroom is still in place and in need of replacement as well as increased number of stalls to accommodate the higher occupancy numbers.

Electrical upgrades and additions are needed to accommodate the new use of the classrooms and offices. By converting the large open space of the Post Office with limited electrical wiring into classrooms and offices, additional electrical wiring and equipment will be needed. Life safety equipment will be required throughout the building to include a fire panel and fire suppression system.

Upgrades would be needed for the climate control system to accommodate the space use change. Going from a large open area to a classroom use area will require replacements and upgrades to the current system to control the environment in the building.

Networking equipment will be required to give the classrooms, computer lab, and offices access to the University’s computer network for server and internet access. In addition to the network equipment, computers will be needed for the computer lab, instructor stations for the classrooms, and for the faculty/staff offices and administrative support areas.

Exterior improvements include masonry work to the 50 year old building to reflect the change in use from a Post Office to a University building, and parking improvements to give students, faculty, and staff sufficient access to the building. Installing energy efficient windows will help make the building more economical to operate. Entryways require modifications for ADA access.

TOTAL ESTIMATED COST (MISSOURI HALL): $1,547,890
Several buildings on Missouri State University’s West Plains campus are without a sprinkler system and fire alarm panel. These two items are extremely important to the life and safety of occupants of the building as well as the contents and the building itself. By installing a fire alarm panel, occupants are immediately alerted to the presence of danger, thus giving them enough time to calmly react and exit the building. The fire panel also sends an alert to the central monitoring department on Missouri State University’s Springfield campus, which in-turn follows the emergency notification list (i.e. fire department, police, campus safety personnel, etc.) that has been established for the West Plains campus. In addition to the fire panel, a sprinkler system is needed to limit any damage that would be caused by an actual fire in the buildings. By being able to immediately spray water over a fire, the fire can either be totally put out or at least contained enough until emergency personnel can arrive on campus.

**Garnett Library (1927):** This facility contains about 13,000 square feet and is a combination of cinder block, brick, and wood construction, with the roof being constructed totally of wood and asphalt shingles. In addition to typical library functions, the veterans program and academic advising offices are located in this facility. With the combination of books and wood in the facility, there is potential for a huge amount of damage should the building be a victim of a fire. By installing a sprinkler system and a fire panel, the building and its contents have a better chance of survival in the event of a fire.

**Putnam Student Center (1965):** A 4,300 sq. ft. building that contains the dining and student life facility. The dining facility serves breakfast, lunch and dinner seven days a week for the residents of the on-campus dorm (Grizzly House) and those individuals that have purchased a meal plan. A small computer lab has been setup for students to use when they are in the building. With the combination of cooking and high student use, this facility has the need to be protected in the event of a fire. Installing a sprinkler system and fire panel is a critical life safety feature.

**Looney Hall (1925):** This three story building is approximately 17,600 square feet and contains several classrooms, offices, and a nursing simulation lab. This building is home to the Nursing and Respiratory Therapy programs on the West Plains campus. With the constant flow of students, faculty, and staff in the building, it is vitally important to have a sprinkler system and a fire panel to protect the people and contents that occupy the building.

**TOTAL ESTIMATED COST (LIFE SAFETY EQUIPMENT):** $220,000
HILL HALL (1924)  
Springfield Campus

Hill Hall houses the College of Education and Department of Psychology programs. This facility contains approximately 70,000 square feet, featuring an architectural limestone surface. This four-story facility features original interior surfaces retained from original construction. Painted lathe and plaster walls, wood surfaces, doors, and trim have been exposed to many years of wear and tear. Facility lighting is minimal and inefficient. Offices and classrooms have been created from every useable space over many years and are limited in function to meet the expected learning environment of current educational facilities. Multiple levels throughout the building provide challenges to ADA compliance. Restrooms are in need of total replacement, with some featuring original partitions; they also have limited or no ventilation.

Environmental mechanical equipment was upgraded many years ago, but does not meet current standards. The fourth floor is heated and cooled with multiple zone units of inefficient design. Temperature controls are no longer supported by the original manufacturer. Inaccessible steam piping is deteriorating inside wall cavities and no longer reliable. Due to spaces modified throughout the course of time, multiple areas are served with one mechanical unit and temperature is controlled from a single thermostat, creating extreme hot and cold areas.

Electrical service is limited with aging equipment. Electrical equipment is at or beyond its life expectancy and most switchboards and branch panels utilize obsolete components. Plumbing within the building is original and is becoming compromised over time. Sewer lines, connecting the building to main sewer lines, are in need of replacement. Life safety equipment is marginal for the building, including a basic fire panel and fire suppression system.

In addition to the items listed above, technology infrastructure, fixtures and equipment will need to be anticipated to complete the planning, renovation and rehabilitation of Hill Hall.

TOTAL ESTIMATED COST (HILL HALL): $9,575,669