

## PROJECTS AND PLANNING

Joint Committee on State Building Construction  
University of Kansas Medical Center  
FY 2016 Capital Improvements  
Oct 20, 2015

### PROJECT STATUS UPDATE

#### Health Education Building (HEB) - \$75,000,000

The University of Kansas Medical Center broke ground Aug 27, 2015 on a new Health Education Building. The 171,000-square-foot Health Education Building will facilitate the education of a greater number of physicians, nurses and allied health care professionals and address critical health care worker shortages in Kansas. Currently, 90 of the state's 105 counties are medically underserved, and it is estimated that 30 percent of the current physician workforce will retire or otherwise leave their medical practices within the next decade. KU trains 211 medical students annually across all of its campuses in Kansas City, Kansas, Wichita and Salina. With the new Health Education Building in Kansas City and future expansion efforts in Wichita, the School of Medicine looks to increase its class size across all campuses by as many as 50 students.

The building will serve as the primary teaching facility for the KU schools of Medicine, Nursing and Health Professions and will include significant simulation space and flexible, state-of-the-art learning space to support inter-professional education and other new models of teaching.

The total project cost is \$75 million plus the cost of equipping the simulation center, which will be funded with a combination of private gifts, State General Fund bonds, Educational Building Funds, and up to \$24 million in bonds. Fundraising is on-going and any additional amounts raised will reduce the amount that the University must borrow.

Helix, a Kansas City-based architecture firm, and CO Architects, a Los Angeles-based architecture firm, will serve as the design team on the project. The University has engaged McCown Gordon as the project's general contractor.

Construction began on September 28, 2015



Facilities Management – Projects Division

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Attachment 20  
JCSBC 10-20-15

**PARKING GARGAGE #5 - \$39,600,000.**

This facility is planned to be sited between 37th and 38th Avenues and Cambridge and Eaton Streets. The facility will accommodate a total parking capacity of approximately 2160 spaces serving both university and hospital staff and patients. The total project budget is \$39.6 million. Each level will be planned for elevator and stair access with provision for street access to both Eaton and Cambridge Streets. The facility shall be designed in close coordination with the design and construction of the new KU Hospital addition between 38th and 39th Avenues and between Cambridge Street and State Line Road. The facility will have elevator/stair towers on both east and west sides with provisions for future bridge connections to future hospital facility expansions. Entry and exit points for patients shall be located on the east side to Cambridge Street. Staff entry and exit points shall be located on the west side to Eaton Street. The facility will have state of the art security/surveillance systems and emergency response call equipment. Elevator and stair towers shall be of an open design to enhance safety. The facility shall include the latest energy efficient lighting and heating technology available. The cost of servicing the building will be provided through parking fees charged to employees, students, and visitors. This project will be funded with revenues from the parking fees and bond proceeds. The debt service on the bonds will be financed from revenues from the campus parking enterprise. BNIM is the architectural firm of record and J.E. Dunn is the Construction Manager at Risk for this project.



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# Applegate Energy Center Chiller Replacement

## Background

Applegate Energy Center (AEC) currently has seven chillers for cooling the main campus. There is a need to replace two of the oldest chillers, chillers 6 & 7, which were installed in 1985 when the addition to AEC was built. The American Society of Heating Refrigeration Air Conditioning Engineers (ASHRAE) lists the Medium Service Life of chillers at 25 years. The chillers have also been derrated because of a change in refrigerant.

The campus is also adding a new Health Education building to the central chilled water plant in 2017.

## Scope of Work

The University of Kansas Medical Center is requesting approval to to replace the two oldest chillers. This is important to the campus to adequately maintain a comfortable working environment for patients, research and teaching.

## Project Narrative

The current oldest chillers 6 & 7 would be replaced and ancillary support equipment for the new chillers would be upgraded as needed. This would need to occur in the winter months when chilled water demand is at its lowest for the campus.

## Budget

Engineering Design Fees	108,500	
Procurement	900,000	
Removal and Installation	185,000	
Total Project Total		\$1,193,500

## Funding

The Medical Center will request approval from the Board of Regents to amend its Rehabilitation and Repair projects and will propose that the R&R funding that was targeted to the Research Support Facility improvements will be reallocated to this Chiller Replacement project.