



Mizzou Arena is home to the University of Missouri men's and women's basketball programs. The 15,061-seat complex opened in 2004 after two years of construction. At that time, the complex was said to be the largest single construction project ever completed in the Columbia area.

Kent Hayes, CM Engineering Project Manager since 2009, served as Project Manager for the electrical sub-contractor, Coastal Electric. Hayes provided all management and administration on the \$8.5 Million electrical contract. The contract included primary utility extension, sports lighting, lighting controls, access controls, fire alarm system, smoke evacuation system and generator.

Project Management of \$8.5 Million electrical sub-contract

- *Primary Utility extension*
*1/4-mile, concrete encased,
underground extension*
- *Sports lighting*
100 foot candles at floor level
- *Lighting controls*
- *State of the art broadcast
television and video systems*
- *Access controls*
- *Fire alarm system*
- *Smoke evacuation system*
Capacity: 284,000 CFM
- *Full service kitchen*
*providing service to private
boxes and 15,061 arena fans*
- *Generator*
- *"Fast track" construction*



Hayes directed the CM Engineering drafting department in the production of CAD drawings for the electrical systems.

In addition, Hayes worked closely with the general contractor, design team, and the mechanical, plumbing, ductwork and fire protection firms to coordinate the installation of these separate systems in a timely and efficient manner.

The project required "fast track" construction and was successfully completed within the designated time line.