

FCR 20

Office of the President
December 15, 2015

Members, Board of Trustees:

CAPITAL CONSTRUCTION REPORT

Recommendation: that the capital construction report for the three months ending September 30, 2015 be accepted. This report refers only to projects that had activity within this quarter.

Background: Under House Bill 622 enacted in the 1982 session of the Kentucky General Assembly, the University is authorized to enter into architectural, engineering, and related consultant contracts for the purpose of accomplishing capital construction at the University of Kentucky.

For the period July 1, 2015 thru September 30, 2015:

There were ten new contracts this quarter:

- | | |
|----------------|--|
| Project 2369.0 | Upgrade/Relocate Pediatric Critical Care Unit
- Solica Construction, \$1,321,000 (<i>Construction</i>) |
| Project 2402.4 | Renovate/Upgrade UK HealthCare Facilities – (Phase I-F) - Chiller
- Blau Mechanical, \$1,644,654 (<i>Construction</i>) |
| Project 2402.7 | Renovate/Upgrade UK HealthCare Facilities – (Phase I-F) - Surgery
Phase 1-3A
- Artekna Design, \$361,875 (<i>Design</i>)
- Turner Construction Co., \$615,655 (<i>Construction</i>) |
| Project 2425.0 | Construct Research Building 2
- Champlin Architecture, \$11,397,600 (<i>Design</i>)
- The Whiting-Turner Contracting Co., \$8,703,729 (<i>Construction</i>) |
| Project 2428.0 | Renovate Academic/Administrative Facility 3 – Combs Cancer Research
Building
- Omni Architects \$48,000 (<i>Design</i>) |
| Project 2429.0 | Emergency Replacement of Central Heating Plant Boilers
- Staggs & Fisher, \$413,300 (<i>Design</i>) |
| Project 2432.0 | Repair/Upgrade/Improve Electrical Infrastructure – Student Housing
Project Phase III
- Staggs & Fisher, \$68,000 (<i>Design</i>) |
| Project 2433.0 | Construct/Expand/Renovate Ambulatory Care Facility – UK HealthCare
(Warren Wright Medical Plaza 1 st Floor)
- Champlin Architecture, \$239,900 (<i>Design</i>) |

Six contracts were completed this quarter:

- Project 2374.0 Repair/Upgrade/Improve Civil Site Infrastructure – Construct Cooperstown Loop Road
- Messer Construction Co., \$2,088,285
- Project 2382.0 Repair/Upgrade/Improve Building Mechanical Systems – Fine Arts Building Phase II
- Eubank and Steele Construction Co., \$1,123,652
- Project 2385.0 Repair/Upgrade/ Improve Civil Site Infrastructure – Scott Street Parking Lot
- Renascent Inc., \$1,157,402
- Project 2415.0 Repair/Upgrade/Improve Building Mechanical Systems – F. Paul Anderson Tower
- DC Elevator Co., \$598,000
- Project 2416.0 Renovate/Replace Playing Field – Commonwealth Stadium
- Tree Top Landscaping, Inc. dba Sports Fields, \$900,372
- Project 2420.0 Repair/Upgrade/ Improve Building Systems – 2015 Annual Parking Garage Maintenance and Restoration
- Carl Walker Construction, Inc., \$698,473

One amendment was as follows:

- Project 2412.0 Improve/Upgrade Alumni Drive
- Provide additional construction administration services as necessary for the increased level of coordination to include bi-weekly coordination meetings, a full-time senior inspector, facilitation of public relations, and administrative coordination of the UK EComm system. (+) \$69,500

Forty-Two change orders greater than \$25,000 were as follows:

- Project 2336.0 Construct UK/Nicholasville Road Flood Mitigation
- Haul off unusable excavation material to an offsite waste area.
(+) \$60,957
- Provide overtime labor and additional equipment rental as needed to complete the project in time for fall planting. (+) \$39,036
- Install rock swales to maintain and channelize the flow of multiple springs, seeps, and other ground water. (+) \$142,569
- Excavate and backfill the stone retaining wall due to erosion and maintenance issues. (+) \$28,599
- Project 2345.0 Renovate/Expand Gatton Building
- Add the linear slot diffusers to the east and west sides of the Atrium.
(+) \$41,524
- Modify locations of vinyl film and fabricated letters to enhance privacy and wayfinding. (+) \$41,097

- Provide electrical rough-in, drywall openings, and back boxes for the addition of motorized projection screens in classrooms on the first and second floors. (+) 47,642
- Add the needed steel to carry the loads of veneer panels and other architectural elements at the northwest atrium alcove. (+) \$29,588
- Provide for demolition and pavement of additional sidewalk areas. (+) \$32,011
- Replace the brick sanitary manhole and the piping connecting it with a concrete structure on the southwest side due to degradation. (+) \$117,735
- Provide the necessary fire rating and fire caulking needed in the existing stairs due to found conditions. (+) \$55,761
- Re-route the power feed from Administration Drive guard shack to the new electrical panel in Gatton. (+) \$26,769

Project 2362.0

Upgrade/Expand Commonwealth Stadium

- Add waterproofing to the portion of the south upper bowl over both the enclosed and open portions of the Loge Club. (+) \$77,817
- Replace existing asphalt and concourse drains for the North Concourse area adjacent to the ramps. (+) \$29,945
- Furnish the labor and material of the steel edge angle to terminate insulated metal panels. (+) 38,704
- Provide additional communications and electrical outlets, installation of additional accent lighting, and a Lutron lighting control system in the Founder's Suite. (+) 33,775
- Replace the field goal net support system to both the east and west end zones. (+) \$31,270
- Revise architectural, audio-visual, communications, power, and mechanical requirements at the Press Level in order to improve operations. (+) \$34,523
- Install drain down pits and blow down valves to allow the kitchen to remain active during winterization. (+) 30,665
- Resurface the southwest quadrant of the Blue Lot parking surface due to degradation caused by construction traffic thru the area. (+) \$86,687
- Provide foundations suitable to support the now fully developed and detailed gate signage. (+) \$54,446
- Add a plaster soffit at the top of the metal panels at the south sideline stair tower. (+) \$37,311

Project 2363.0

Construct Academic Science Building

- Provide a credit to omit the work for the temporary sidewalk installation along the west elevation of Haggin Hall. (-) \$56,083
- Provide for the addition of a rainwater and condensate collection system to supply an irrigation system. (+) \$113,851
- Replace the lighting fixtures in office spaces with pendant fixtures to provide aesthetic and serviceability consistency with the other lighting throughout the floor. (+) \$79,600

- Complete the mechanical work associated with fit-up of an additional six rooms and four mechanical closets of shell space. (+) \$439,767
- Complete the electrical work associated with fit-up of an additional six rooms and four mechanical closets of shell space. (+) \$303,728
- Provide and install additional basement underslab drainage and corresponding sump system. (+) \$38,862
- Provide laboratory equipment and casework associated with fit-up of an additional six rooms and four mechanical closets of shell space. (+) \$193,004
- Complete the interior construction associated with fit-up of an additional six rooms and four mechanical closets of shell space. (+) \$311,423
- Provide additional occupancy sensors to one hundred eighteen fume hoods. This will increase heating, ventilation, and air conditioning (HVAC) efficiency and reduce energy consumption costs with a four year payback period. (+) \$126,310
- Provide supplemental structural steel framing masonry relief required to support the masonry construction along the column line that extends back over the building low roof. (+) \$67,139

Project 2396.0

Renovate/Expand Student Center

- Install gravel bedding beneath the chilled water supply and return piping where the new steam piping is being installed. (+) \$29,220

Project 2397.0

Construct Football Training and Practice Fields

- Provide a credit for the removal of the cantilevered balcony at the four smaller observation towers viewing the practice fields. (-) \$38,850
- Create a temporary parking lot for game day parking and contractor parking between the new College Way and previous College Way locations. (+) \$48,174

Project 2402.1

Renovate/Upgrade UK HealthCare Facilities – (Phase I-F) - Pavilion A 9th & 10th Floors and Elevators

- Provide additional power feeds, an additional variable frequency drive (VFD), along with additional circuit breakers, disconnects, wiring, controls, and programming to the four air-handling units (AHU's) (+) \$164,871
- Add controls for constant volume exhaust air terminals serving restrooms, housekeeping room, etc. on the 9th and 10th floors. (+) \$35,087

Project 2402.2

Renovate/Upgrade UK HealthCare Facilities – (Phase I-F) - Pavilion A Kitchen/ Cafeteria

- Provide and install fourteen additional floor sinks in the kitchen as per the final coordinated kitchen equipment design. (+) \$47,732
- Provide additional general condition items including thirty-five dumpster hauls, furnish of a lull, a yard boss, and a scaffold for one month. (+) \$40,076
- Provide additional water and gas piping to food service equipment as per the final coordinated kitchen equipment design. (+) \$66,95

Project 2412.0

Improve/Upgrade Alumni Drive

- Provide for undercut remediation of the spoiled roadbed soil along six sections of Alumni Drive totaling a length of 1,018 feet. (+) \$68,924
- Enhance safety along Alumni Drive by installing twenty-nine light fixtures around both roundabouts and the section of roadway between the two roundabouts. (+) \$115,006

Action taken: Approved Disapproved Other_____

CAPITAL CONSTRUCTION CONTRACTS QUARTERLY ACTIVITY REPORT

This report contains capital projects that have a dollar scope value of \$600,000 and above. The projects are listed in alphabetical order and contain the project number, the dollar scope, a brief description of the project work and information pertaining to the primary consultant's contract and the primary contractor's contract. This information includes:

Consultant: This section contains the name of the consultant, the contract number, the original contract amount, the total number of amendments, the cumulative amendment amount, the revised contract amount, and a notes section. The notes section will describe, in bold face type, all amendments to the consultant's contract for the current quarter.

Contractor: This section contains the name of the contractor, the contract number, the original construction contract amount, the total number of change orders, the cumulative change order amount, the revised contract amount, information on the low, high and number of bids, the percent of the contract completed, and a section for notes. The notes section will describe, in bold face type, all change orders greater than \$25,000 for the current quarter.

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY REPORT

Glossary

Amendment: refers to modifications or changes to the Consultant's contract with the University, usually the result of changes in the program or scope of a project caused by unforeseen conditions or at the request of the University.

Change Order: refers to modifications or changes to the Contractor's contract with the University, usually the result of conditions not anticipated by the contract documents, plans and/or specifications for the work.

Consultant: the entity, usually an architectural or engineering firm, with whom the University contracts and who has primary responsibility for providing services to design and to administer the contract for construction of a construction project. The prime consultant frequently employs the services of one or more sub-consultants in fulfilling its contractual obligation.

Contract administration: refers to the activities of the consultant during the construction phase of the project in which they verify that construction is in compliance with the requirements of the contract between the University and the contractor.

General Contractor: the entity, usually a general contractor but occasionally a trade contractor, with whom the University contracts and who has primary responsibility for completion the construction of a project. This "prime" contractor usually employs the services of various subcontractors (trade contractors) and vendors in fulfilling its contractual obligations.

Feasibility Study: refers to investigation, usually commissioned through an outside consultant, to advise the University of the merits of an anticipated construction project, and to evaluate and comment on matters such as need, probability cost, preliminary program issues, and so forth.

Gross square feet: the total area of the project, generally measured from the outside of exterior walls for all floors of the project, including mechanical spaces.

H.B.C.: refers to the Commonwealth of Kentucky Department of Housing, Buildings and Construction, the state agency having responsibility for review and approval of University construction projects to assure compliance with applicable building codes.

Penthouse: refers generally to the enclosure around roof mounted mechanical spaces in a project. Not considered occupied (or net assignable) space.

Percent complete: as used in the report refers to the expenditure to date divided by the total amount of the construction contract for the work.

Net assignable square feet: the usable area of the project excluding corridors, rest rooms, storage areas, mechanical spaces, etc.

Phase: The various stages of design and construction of a capital project, including:

- **Programming phase:** refers to the initial planning phase of a project, during which the University (with or without participation by a consultant) defines in detail the needs and requirements of a project. This program becomes the basis for consultant selection, fee negotiation, and design of the project.
- **Schematic design (S/D or Phase 1):** refers to the first formal phase of design by the consultant, in which a general design solution to project programmatic requirements is developed.
- **Design development (D/D or Phase 2):** refers to the second formal phase of design by the consultant, during which the schematic design is expanded to identify solutions to design issues in broad terms, sufficient to insure the stated programmatic needs can be met.
- **Construction document phase (C/D or Phase 3):** refers to the final phase of the design process in which the details and specific project requirements are identified and incorporated in a final set of biddable construction documents.
- **Bidding phase (Phase 4):** refers to the stage of a project during which proposals for construction are solicited, culminating in the award of one or more contracts for construction.
- **Construction phase (Phase 5):** refers to the actual construction of the project by contractors.

Scope: The total estimated value of a capital project on completion, including all design, construction and administrative costs as well as the cost of capitalized furnishings and equipment.

Substantial Completion: refers to the time during construction, certified by the consultant, when the work is sufficiently complete for the University to occupy the facility for its intended use without significant interruption. Upon certification of substantial completion, the University assumes operational and maintenance responsibility and insurance liability for the project and the warranty period begins for most elements of the construction. Some work generally remains, including correction of minor punchlist items, before the work is certified finally complete.

Trade Contractor: sub-contractors, or individual bid package contractors, who practice a specific, trade (electrical, painting, structural steel, for example)

Major Projects
Capital Project Management Division
October 2015

Campus Security System

Project Description:

This project includes various security initiatives using a centralized safety response to campus monitored from the Police Department located in the Safety and Security Building for both the Main campus and UK HealthCare (UKHC) campus. The project includes a geo-diverse video management system (VMS) and security management system (SMS) that provides situational awareness to targeted areas on campus and event driven analytics to alert University Campus Police of possible threats to campus. This project will provide campus-wide camera monitoring, early warning systems speakers, and other communication devices to monitor and respond to campus incidents. The project will provide the infrastructure necessary for proposed installations and incorporate or replace legacy systems to a single security system.

Project Status:

Installations on main campus and UK HealthCare are complete. Due to variations in performance across the UK Security Enterprise platform, a 30 day test to evaluate all activities on the platform was initiated on Wednesday, October 28, 2015. Substantial completion is expected by mid- December 2015.

Center for Applied Energy Research Slipstream Capital Project

Project Description:

The Center for Applied Research (CAER) has developed a novel heat integration scheme for the system that is expected to meet the Department of Energy performance and cost targets of 90 percent CO₂ capture, 95 percent CO₂ purity, with an increase in the cost of electricity of less than 35 percent. The CAER CO₂ capture process has been designed and will be erected and operated at LG&E/KU's E.W. Brown Generating Station in Harrodsburg, Kentucky. The project will be led by CAER with collaboration from the Electric Power Research Institute, Mitsubishi Hitachi Power Systems America, Koch Modular Process Systems and the Smith Management Group.

Project Status:

This project has been accepted as substantially complete.

Construct Academic Science Building

Project Description:

This project will construct a new Academic Science facility. The new facility will house most of the introductory science laboratory courses allowing students to learn the commonalities of multiple science disciplines in an interdisciplinary fashion and model "team problem-solving". The facility will be student oriented, having an open environment that encourages interaction and collaboration beyond the classroom. The new building will also contain premier interdisciplinary undergraduate science teaching labs and classrooms as well as student commons space, group and individual study rooms, and other amenities. The project also includes 53,900 gross square feet of shelled research space.

Project Status:

Concrete decking is complete. Mechanical, electrical, and plumbing (MEP) continues in all areas. Air-handlers were installed in the penthouse this past period. Metal stud and drywall installation continues. Building envelope construction continues with glass and brick installation. Temporary heating is being initiated in Area A with temporary enclosures being provided. Anticipated construction completion remains July 2016.

Construct, Expand or Renovate Ambulatory Care Facility – Kentucky Clinic Medical Plaza Second Floor Medicine and Urology Clinic

Project Description:

This project will renovate both the Medicine and Urology Clinics located in the original section of the Kentucky Clinic Building. These renovations will create more usable exam room space, enhance patient and staff circulation, improve waiting areas and upgrade HVAC systems to current standards.

Project Status:

BCD Construction was the low bidder. Demolition began on October 26, 2015. Substantial completion is scheduled for May 2016.

Construct, Expand, or Renovate Ambulatory Care Facility – UK HealthCare (Pediatric Hematology/Oncology – Pavilion H)

Project Description:

Pediatric Hematology/Oncology services are currently located on the second floor of the Kentucky Clinic. This capital project will renovate space on the fourth floor of Pavilion H to relocate Pediatric Hematology/Oncology services. The renovation will create pediatric exam room space and locate Pediatric Hematology/Oncology services in proximity to other pediatric services also on the fourth floor of Pavilion H. This project will result in enhanced overall coordinated care for children.

Project Status:

Schematic design is complete. The project is currently in the design development phase and is expected to bid in early 2016.

Construct, Expand, or Renovate Ambulatory Care Facility – UK HealthCare (Warren Wright Medical Plaza 1st Floor)

Project Description:

This project will renovate the areas currently occupied by the Department of Orthopedic Surgery's clinic located on the first floor of the Warren Wright Medical Plaza Building. This renovation project will create more usable exam rooms; enhance patient and staff circulation; improve waiting areas; and upgrade the HVAC systems to current standards. These improvements also will support the consolidation of clinical services resulting in more efficient operations necessary to manage the increasing volume of patients.

Project Status:

Champlin Architecture/CMTA Engineers was selected as the design team. Programming is scheduled to complete November 13, 2015 with schematic design to follow.

Construct Football Training Facility and Practice Fields

Project Description:

This project will construct the Football Training Facilities and Practice Fields for the Department of Intercollegiate Athletics football program. The project will include a new two-story structure and two practice fields with an adjoining drill area. The facility will also include administrative offices, locker spaces, team meeting areas, training areas, high performance and weight room spaces, equipment rooms, a hydrotherapy room, player locker rooms, lounge facilities, facilities for a training table, an academic lounge/study area, and an entrance lobby with enhanced visitor amenities.

Project Status:

Foundations are complete for all elements. The steel structure is in place and fire proofing is underway. Underground electrical work, plumbing work and hydrotherapy concrete pool structures under the first floor are nearing completion. Placement of the first floor slabs is following the underground installation and should be complete by late December. The second floor slabs are in place. Walls on the second floor are being framed with rough-in of mechanical and electrical elements following closely. The light weight concrete roof deck is complete and the installation of roofing is underway.

The area for the two practice fields is complete to the sub-base. Installation of the field drainage system and irrigation piping is 60% complete. When these two elements are completed, work on this area is expect to cease until the spring. When the weather breaks, final installation of the playing surfaces will begin.

Construction will proceed thru the 2015 football season and be coordinated in a fashion to have minimal impact on classes, game day events, and field house operations. Substantial completion is set for summer 2016, prior to the beginning of the 2016 football fall practice activities.

Construct, Replace, or Upgrade Student Housing (Fit-up Creative Arts in Living Learning Program Space in Limestone Park I)

Project Description:

This project will fit-up shelled space in the new Limestone Park I housing facility for a creative arts living learning program. This project will provide music practice rooms, a multipurpose art education studio, creative writer's laboratory with computers, performance space with large-scale visualization capability for dance, music and theatre, and rooms conducive for group interaction.

Project Status:

The project is tentatively scheduled to bid in December 2015 with construction completing in July 2016.

Construct Research Building 2

Project Description:

This project will construct an approximately 300,000 gross square foot multidisciplinary research building to meet the current and future needs of world-class researchers. This state-of-the-art facility will attract and retain researchers who successfully compete for externally funded research. The building design will be flexible and open to provide modern space for multi-disciplinary research involving programs such as medicine, nursing, health sciences, pharmacy, psychology, agriculture, biology, chemistry and engineering. The flexibility of the labs will be carried into the office environment, allowing the occupants to easily modify the space to fit their changing needs.

Project Status:

The design of Research Building 2 (RB #2) is well underway. A design team lead by Champlin Architecture and including Hammel, Green and Abrahamson (HGA), Affiliated Engineers (AEI), and CMTA Engineering have been selected to participate in the design of the project. The selection of a construction manager (CM) is complete with Whiting-Turner having been selected to join the RB #2 team.

The design team has been meeting on a regular basis with faculty and staff members and have confirmed the program for the building. The schematic level documents were delivered to the University October 15, 2015. While Whiting-Turner is developing an estimate based on these documents, University representatives are reviewing the documents to assure the design reflects earlier input and campus standards. In early November, after the budget is confirmed and the schematic documents have been approved, Design Development will begin.

Current scheduling calls for a site clearing – utilities package to be released for bidding in December 2015, with construction beginning in February 2016. To this end, the later stages of design will be staggered to allow work to begin on various elements of the project. The CM will confirm the elements of the various packages and release dates as the design develops. Currently the plan calls for three bid packages - #1 Site Clearing and Utilities to be released for bidding December of 2015; #2 Foundations/Core and Shell to be released February of 2016 and #3 Build Out to be released November of 2016.

The current Substantial Completion date is June 2018.

Construct UK/Nicholasville Road Flood Mitigation

Project Description:

This project will construct three separate improvements, to provide 100 year storm (and lesser storm) mitigation to prevent roadway overtopping and improve pedestrian safety addressing storm water quantity within this one campus water shed. 1) Area south of Alumni Drive at Shawneetown Drive (includes permanent removal of remaining section of Shawneetown Drive and relocation of existing utilities) will be excavated for additional storm water detention. 2) Existing culvert upgrade at the upstream side of Nicholasville Road. 3) Installation of storm water retention areas between University Drive extension and Greg Page Drive, south of Alumni Drive. The \$11,880,030 project will be funded by a federal grant of \$8,910,023 from FEMA with the balance of \$2,970,007 being the in kind value of the 3.6 acres of University of Kentucky land determined by adjacent property values. Water quality related issues may also be part of the project scope depending on available funds and compatibility with storm water quantity design. At the completion of the project, the final landscaping will create a natural park setting, creating a model of how storm water management areas can also be passive park settings.

Project Status:

The remaining work to be completed is the planting of trees in the fall planting season and punchlist corrections.

Emergency Replacement of Central Heating Plant Boilers

Project Description:

On March 27, 2015, the University's Central Heating Plant suffered a severe fire rendering two boilers inoperable. The status of the second boiler is questionable, but may require replacement as well. These boilers are a significant component of the campus heating infrastructure capacity and their inoperability compromises our ability to heat the campus for the next heating season.

Project Status:

The temporary boiler is in place and final service connections are complete. The unit is to be activated in November 2015. Selection of the permanent boiler replacements is complete and contract is executed. Shop drawings for the permanent boilers are in review.

Improve/Upgrade Alumni Drive

Project Description:

Alumni Drive runs east-west along the southern portion of the University between Nicholasville and Tates Creek roads. The road has two twelve-foot travel lanes with narrow three-foot shoulders for the majority of the route. Alumni Drive serves both as a local access route for the surrounding campus, and as a cut-through connector route between the two principal arterials of Nicholasville and Tates Creek roads. This capital project will address several hazardous conditions along this thoroughfare.

Project Status:

Construction is complete.

Renovate Academic/Administrative Facility 3 – Combs Cancer Research Building

Project Description:

This project will renovate approximately 2,575 net assignable square feet of the Combs Cancer Research Building animal facility. The renovated space will provide a needed bio-exclusion barrier housing unit on the east biomedical complex campus. The project also will relocate an existing bedding dispenser and install a new dry heat sterilizer and a new automated conveyor system. The conveyor system will help prevent staff injuries.

Project Status:

Project documents are complete. Documents have been submitted to the National Institute of Health (NIH) for review and approval prior to going to bid. The grant award stipulates that NIH approval is required before the project bids.

Renovate Academic/Administrative Space 4 - Anderson Hall

Project Description:

This project will renovate a computer lab to a Chemical and Materials Engineering teaching lab and includes structural improvements, floor replacement, and other infrastructure and life safety repairs. The project requires relocating a men's restroom adjacent to a women's restroom and upgrading both to comply with the Americans with Disabilities Act Standards for Accessible Design.

Project Status:

Abatement is complete and general demolition is underway. Submittals are in review and materials are being ordered.

Renovate Old Softball/Soccer Locker Room

Project Description:

The men's and women's soccer and the women's softball teams have been moved from the old soccer/softball facility to newly renovated facilities in the expanded softball/soccer complex. However, the men's and women's soccer and women's softball team offices remain in Commonwealth Stadium. This project will renovate the existing soccer/softball locker and shower space in the old soccer/softball building to create new office and administrative space for the coaches and staff of the three teams. As a result, the student-athletes will have access to their coaches and coaching staff in adjacent facilities.

Project Status:

This project has been accepted as substantially complete.

Renovate/Expand Gatton Building

Project Description:

This project includes renovating and expanding the existing 138,400 gross square foot (gsf) Gatton Building. The expansion will include a three story 67,000 gsf addition comprised primarily of community-oriented space to include an atrium, with a café and seating area, classrooms and a 500 seat auditorium. The addition will become the primary entrance to the building and will be accessed from central campus. A secondary entrance from South Limestone Street will also be incorporated in the renovated space. The original 1963 building will provide various types of space for faculty and students; the classrooms in the 1991 addition will be renovated and updated to include the latest technology.

Project Status:

Completion of the work is occurring in multiple phases. Phase I was beneficially occupied in August 2015 in time for the 2015 fall semester. It included the renovation the original 1963 building and the new addition. Phase II, which partially overlaps Phase I, consists of the renovation of the 1991 addition. This work is scheduled for completion in April 2016.

Demolition of Area B (1991 addition) has been completed and wall framing and MEP rough-ins are currently in progress. Site development of the garden plaza is currently in progress. Work is continuing on the exterior facades.

Renovate/Expand Student Center

Project Description:

The University's Student Center was originally constructed in 1938 and expanded in 1968 and 1982. The Student Center is heavily used by the entire University community with over 2,000,000 visitors annually. However, the approximately 260,000 square foot facility is no longer able to fully meet the needs of students, faculty, staff and other constituents in terms of quantity and quality of space.

This project will include selective demolition, expansion and renovation of the Student Center. Alumni Gym will be renovated and incorporated into the new Student Center. The project is expected to expand the University's Student Center to more than 378,000 square feet and will include an atrium, recreation area, lounges, conference facilities, entertainment venues, retail space, food service, bookstore, student organization space and administrative support offices.

Project Status:

Early enabling bid package #1 continues with abatement, demolition and site utilities. The 1980 and 1960 editions have been demolished. Bid package #2 which includes foundations, structural steel and elevators was advertised this month with a bid opening scheduled for November 2015. Bid package #3 which includes all remaining fit-up trade categories is scheduled to advertise in November 2015 and bids to open in December 2015. The overall construction activities are scheduled to be completed in December 2017.

Renovate/Upgrade Academic Space - Patterson Hall

Project Description:

Patterson Hall was opened in 1904 as the first University of Kentucky women's dormitory. This capital project will renovate and upgrade this historically significant structure integrating it into the newly developed north campus. Patterson Hall will be renovated and upgraded for use as classrooms, study areas and gathering spaces as part of the Living-Learning Program. Renovations will also include some office space for functions supporting UK students. Additionally, this project will upgrade major building mechanical systems and perform exterior repairs to enhance the historical integrity and ensure the longevity of the building. By saving and rehabilitating this building, the University preserves a significant contribution to the architectural history of the campus; maintaining it for future generations of students, faculty and alumni. The scope of this project has been increased to \$15M to include renovation of the entire building and will include site development as well as conceptual planning for the east face of the building.

Project Status:

The project was bid and initial trade contracts have been awarded. Abatement of hazardous materials and demolition have been completed. Exterior restoration is underway. Wall framing and MEP rough-ins are in progress. Construction to be substantially complete in July 2016.

Renovate/Upgrade Hospital Facilities – Good Samaritan Emergency Department

Project Description:

This project will address the needs of the patient population and the clinical services offered at Good Samaritan. Specific elements will include expanded service capabilities, private patient rooms, improved staff support spaces and enhanced patient and family waiting space. The scope will include renovating approximately 12,090 square feet of the existing Good Samaritan Emergency Department, as well as expand patient and family waiting by adding 1,250 square feet to the existing 344 square feet waiting room. The construction will be phased into multiple segments to allow patient care to continue throughout the renovation

Project Status:

The University selected Wehr Constructors to be the Construction Manager (CM) for the project. Construction documents were delivered to the University on October 27, with a review meeting scheduled for November 11, 2015.

Upon approval of the documents, Wehr will work with the university to establish bid packages for a late December bid of the first phase.

Renovate/Upgrade UK HealthCare Facilities (Phase I-F) - 9th & 10th Floor Fit-Out and Elevators

Project Description:

The Albert B. Chandler Hospital facilities development plan provides for the systematic replacement and renovation of patient care facilities. Since the opening of the first two patient care floors in Pavilion A of the new Patient Care Facility in May 2011, UK HealthCare (UKHC) has continued to experience strong patient demand for the delivery of its hospital system services. This volume increase has placed substantial capacity constraints on UK inpatient hospital operations. This project will help alleviate these constraints and includes the fit-up of the ninth and tenth floors for inpatient medicine/pulmonary services. This project will provide 128 inpatient beds, including 48 ICU beds. Also included in this project is the purchase and installation of nine elevators.

Project Status:

Punch list has begun on the 9th floor. All finish work is progressing on schedule. The 10th floor work lags behind the 9th floor work. All finish work is well underway. Cable pulling and fixture trim out is occurring. Three staff elevators were inspected and turned over for use on October 9, 2015.

Renovate/Upgrade UK HealthCare Facilities (Phase I-G) – MRI, Hyperbaric, & Radiology

Project Description:

This project will include the fit up of 15,000 SF of shell space for use as a radiology suite - to include MRI, Ultrasound, CT Scan, and support functions - as well as 875 SF of shell space for use as a hyperbaric treatment suite.

Project Status:

Construction is underway. Demolition is complete. MEP rough in has begun. Wall framing has begun.

Renovate/Upgrade UK HealthCare Facilities (Phase I-F) - Kentucky Children's Hospital NICU

Project Description:

The re-development of existing facilities in Pavilion HA is necessary for Kentucky Children's Hospital to establish a modern, state-of-the-art facility for Kentucky's pediatric healthcare needs. This space will allow for development of pediatric outpatient and family support services and will replace the outdated and undersized NICU with space consistent with today's standard of care for delivery of pediatric health care.

Project Status:

The design development phase is complete and review plans have been distributed for review.

Renovate/Upgrade UK HealthCare Facilities (Phase I-F) - Kitchen/Cafeteria

Project Description:

Since opening two patient care floors in Pavilion A, as well as surgery, the post-anesthesia care unit (PACU) and the emergency department (ED), the patient and visitor load has increased steadily. This volume of patients, staff and visitors has resulted in an increasing demand for food services, which is currently served from Pavilion H. This project will help alleviate these constraints by providing a venue for patient, staff and visitor meals in Pavilion A. This modern and efficient kitchen/cafeteria will provide for the long term food service needs for Pavilion A.

Project Status:

Construction is underway. Wall framing is 50% complete. MEP rough in is progressing nicely. All kitchen equipment has been coordinated.

Renovate/Upgrade UK HealthCare Facilities (Phase I-F) – Chiller

Project Description:

The fit-out of additional areas in Pavilion A will cause the space cooling demand to increase to a point where an additional chiller will be required to be purchased and installed. This chiller will be located in the Central Utility Plant and will supply the campus loop, which in turn supplies the hospital with chilled water for cooling.

Project Status:

The project bid on August 20, 2015. Blau Mechanical was the lowest responsive bidder, and was awarded the project. Site work and site concrete are underway.

Renovate/Upgrade UK HealthCare Facilities (Phase I-G) – 11th Floor Fit-up

Project Description:

This project will fit-out patient floor eleven in Pavilion A. This will include 64 patient rooms; 24 ICU plus 40 acute rooms with all staff support and ancillary spaces to provide a fully functioning patient floor. The 11th floor is programmed to be a cancer treatment floor.

Project Status:

A design kick off meeting was held with the user group. The design team is working thru schematic design. The project is planned for bid in first quarter 2016.

Renovate/Upgrade UK HealthCare Facilities (Phase I-G) –Surgery Phase 1-3A

Project Description:

This project will fit-out 10,200 SF of shell space on the 2nd floor of Pavilion A to expand the existing Surgery Department. This will include 5 ORs, a Hybrid OR, and support spaces.

Project Status:

Artekna is the design consultant. CMTA is the MEP engineer. Several meetings with the end users have taken place. A schematic design has been approved.

Renovate/Upgrade UK HealthCare Facilities (Phase I-G) – Blood Bank

Project Description:

This project will fit-up 2,300 SF of shell space on the 3rd floor of the Pavilion A for use as a blood bank.

Project Status:

This project is currently out to bid.

Repair, Upgrade, or Improve Building Mechanical Systems – F. Paul Anderson Tower

Project Description:

This capital project will replace and upgrade a three-elevator system in the F. Paul Anderson Tower (Anderson Tower). The elevators, original to the building, have had only one minor upgrade since the building's construction in 1966. The capital project will add emergency power and replace the existing machines, cables, controls, doors and the interiors. The replacement and upgrade of this mechanical system is necessary to meet current codes and safety requirements as the system has outlived its useful life.

Project Status:

This project has been accepted as substantially complete.

Repair, Upgrade, or Improve Building Mechanical Systems - Fine Arts Phase II

Project Description:

This is the second phase of a project to replace and upgrade major mechanical systems in the Fine Arts Building which includes replacement/upgrade of the air handling units and associated temperature controls, exhaust fans, and reheat coils. This phase of the project includes replacing exhaust fans which serve the 3rd floor restrooms. It also includes replacing the air handling units serving the Art Gallery and the Guignol Theater it also includes replacing additional reheat coils and sprinkling the building.

Project Status:

This project has been accepted as substantially complete.

Repair, Upgrade, or Improve Building Shell Systems - 2015 Annual Parking Garage Maintenance and Restoration

Project Description:

In 2012, the University employed an engineering consultant to conduct a detailed condition assessment and structural evaluation of the campus parking structures. This project will cover the recommended maintenance and repairs for the University's eight parking structures during 2015.

Project Status:

This project has been accepted as substantially complete. The planning for the 2016 Parking Garage Maintenance and Restoration work is under consideration. A new project should be established for this work in the next several months.

Repair, Upgrade, or Improve Building Systems – UK HealthCare (Good Samaritan Hospital Replace Electrical Switchgear)

Project Description:

This project will replace a portion of the electric switchgear located in the Good Samaritan Hospital. The electric switchgear, original to the hospital building, controls the distribution of electricity throughout the facility. A portion of the switchgear is susceptible to failure and replacement is critical to ensure reliable electrical service for patient care and to meet regulatory requirements. This project also includes re-circuiting several crucial services to minimize downtime during the switchgear replacement.

Project Status:

Construction is ongoing and installation is 75% complete. Electrical gear is in place. The majority of conduit is complete including underground and new conduit into the Chiller Building as needed. Kentucky Utilities has installed their new transformer. The new gear is to be energized within the next two weeks. State Fire Marshal inspections are ongoing.

Repair, Upgrade, or Improve Building Systems – UK HealthCare (Pavilion HA Air Handling Unit #9)

Project Description:

This project will replace the air handling unit (AHU) #9 in Pavilion HA of the Chandler Hospital. This AHU is 26 years old and in poor mechanical condition. Replacement of the unit is necessary to ensure air quality, meet regulatory requirements and to maintain the interior environment without temperature fluctuation.

Project Status:

Project has been bid and a contract was awarded in October 2015.

Repair, Upgrade, or Improve Building Systems – UK HealthCare (Good Samaritan Air Handling Unit #20 & #22)

Project Description:

This project will replace the air handling units (AHU) #20 and #22 in Good Samaritan Hospital. Patient areas on the ground and first floors are heated and cooled by AHU #20, while the first floor kitchen area is serviced by AHU #22. These units are 38 years old, in poor mechanical condition, and do not provide sufficient airflow to meet current code requirements. Replacement of these AHUs is necessary to ensure patient and staff comfort, air quality and compliance with other regulatory requirements.

Project Status:

Project has been bid and a contract was awarded in October 2015.

Repair, Upgrade, or Improve Civil/Site Infrastructure - Construct Cooperstown Loop Road

Project Description:

As part of the Phase II-A and Phase II-B Housing projects, the Cooperstown apartments will be replaced with undergraduate student residence halls. A relocation of Cooperstown Drive is necessary to provide sufficient usable land for the proposed layout and improve traffic flow from Sports Center Drive. The relocation will be included in the update of the Campus Master Plan currently underway.

Project Status:

This project has been accepted as substantially complete.

Repair, Upgrade, or Improve Civil/Site Infrastructure - Scott Street Parking Lot

Project Description:

This project will construct a parking lot at 313-347 Scott Street. The project creates approximately 265 parking spaces which will offset recent north campus parking losses. This project includes the construction of the lot as well as associated site preparation including demolition and abatement of the Reynolds Warehouse #3 and four other small structures located on the site.

Project Status:

This project has been accepted as substantially complete.

Repair, Upgrade, or Improve Civil Site Infrastructure – South Campus Parking Lot Expansion

Project Description:

In December 2013, the Board of Trustees authorized the Repair/Upgrade/Improve Civil/Site Infrastructure (South Campus Parking Lot) capital project which created 411 spaces. This expansion to the recently constructed parking lot south of the E.S. Good Barn will create approximately 430 additional parking spaces. These additional spaces are

needed to offset parking losses associated with the Commonwealth Stadium expansion and allow for parking along the University Drive transit corridor.

Project Status:

This project has been accepted as substantially complete.

Repair, Upgrade, or Improve Electrical Infrastructure (Student Housing Project Phase III)

Project Description:

This project will upgrade and improve the electrical infrastructure for all components of Student Housing Phase III, by providing 12KV electrical service from two substations to improve reliability and redundancy. The project will include installation of a pad-mounted switch between the two building sites and electrical duct banks to each building transformer. This switch will be powered from the University Utility Substation #3 as the primary source and Utility Substation #1 as the secondary source for backup and load sharing.

Project Status:

This project is nearing completion of design. Plan is to bid in early December. Work is to be substantially completed by June 2016.

Upgrade/Expand Commonwealth Stadium

Project Description:

The existing stadium, built in 1973, needs upgrades and expansion to better accommodate the students, fans and players. The project will provide new premium seating with revenue generating opportunities, improving the overall operational effectiveness and enhancing the fan experience as well as allowing UK to attract the best student-athletes to the campus. Among the planned improvements are many spectator driven improvements (improved concessions, restrooms and security), a new multi-purpose recruiting room, 16-20 new private suites, new home team locker room, approximately 2,000 new club seats, three new club spaces, new press facilities and a new full-service kitchen.

Project Status:

This project has been accepted as substantially complete. Five games have been held in the new stadium with many positive comments. The Construction Manager is scheduled to complete the punch list, establish Final Completion and depart the site November 16, 2015.

Upgrade/Relocate Pediatric Critical Care Unit

Project Description:

The project will renovate existing space of the KY Children's Hospital Acute Care Unit in Pavilion HA. The work implements contemporary pediatric design concepts, interior finish upgrades including flooring, wall reconfigurations, ceiling, and lighting. The project includes all patient, public, and staff spaces such as patient rooms, patient bathrooms, team work areas, and corridors. The implementation of this project is dependent upon private donations. Preliminary designs and related renderings will assist the University in fund-raising efforts.

Project Status:

Solica Construction is continuing work in Phase I, Zones 1 & 2 with a late-November substantial completion. Once patients are moved into these zones, work will continue on Zone 4.

Construct Baseball Facility – Design Phase

Project Description:

The baseball program has grown significantly and the current facility is inadequate to meet the existing and future needs of the team and does not meet required specifications to host the Southeastern Conference or National Collegiate Athletic Association baseball tournaments. This project will initiate the design phase of the construction of a new baseball stadium on a new site along Alumni Drive. The new baseball facility will include seating for 4,500 spectators, locker rooms, offices, concessions, viewing suites, practice infield, scoreboard, sport turf maintenance facilities, and a parking area.

Project Status:

Consultant contract has been negotiated. Programming meeting will be held in November.

Limestone Park I & II

Project Description:

These buildings make up the Phase II-C development of the partnership between the University of Kentucky and Education Realty Trust (EdR) to replace on-campus undergraduate and graduate student housing. These buildings will make-up the last section of the north campus housing development. Limestone Park I (LPI) will be seven stories,

with 645 beds & one classroom; it will also include retail space and shelled space to be fitted out by the University. Limestone Park II (LP II) will also be seven stories, with 495 beds. These buildings will be located on north campus where the former Boyd Hall, Jewell Hall, Holmes Hall, Keeneland Hall and the Hamilton House were located and adjacent to Patterson Hall.

Project Status:

Limestone Park I (South Building)

Structural has been completed and metal wall framing is in progress. MEP rough-ins are in progress. Exterior wall sheathing and roof are also in progress.

Limestone Park II (North Building)

Structural has been completed and metal wall framing is in progress. MEP rough-ins are in progress. Exterior wall sheathing and roof are also in progress.

Both structures are scheduled to be completed during the summer of 2016.

Renovate/Expand Arboretum Visitor Center (Design Phase Only)

Project Description:

This project will initiate the design phase to renovate and expand the visitor center to include space for educational classes and other events and development of the outdoor gardens immediately adjacent to the building area.

Project Status:

The project's selection committee short-listed four architectural firms on October 22, 2015. Interviews are scheduled for November 10, 2015.

UK Dining

Project Description:

Through a public private partnership, Aramark, a publicly traded company headquartered in Philadelphia, will provide 100 percent equity to fund dining capital projects for up to \$70,100,000. Per University Administrative Regulation 8.2, Board approval is required for capital projects costing more than \$600,000. The planned projects that would cost above \$600,000 are: construction of a new Commons on south campus; fit-up of shell spaces in Haggin Hall and Champions Court I; renovation of existing dining facilities; expansion of dining in other new or renovated buildings and installation and operation of a temporary dining facility to supplant dining services when the Student Center is offline for renovation and expansion.

Project Status:

This project has been accepted as substantially complete.

University Flats

Project Description:

This project is a part of the Phase III development of the partnership between the University of Kentucky and Education Realty Trust (EdR) to replace on-campus undergraduate and graduate student housing. This building will be divided by a separation wall so as to provide undergraduate housing on one side which will be separated from graduate housing on the other side. The building will be 7 stories high, with a total of 772 beds, including 59 studio apartment units. This building will sit on a green field between the Blanding Complex and University Drive.

Project Status:

The building structural pad and foundation systems are in progress. This project is scheduled for completion in the summer of 2017.

Woodland Glen III, IV & V

Project Description:

This project is a part of the Phase II-B development of the partnership between the University of Kentucky and Education Realty Trust (EdR) to replace on-campus undergraduate and graduate student housing. These buildings will make-up the last section of the Woodland Glen housing area. These three new buildings (WGIII, WGIV, & WGV) will be as follows: WGIII is five stories, with 782 beds & two classrooms; WGIV is seven stories, with 578 beds and one classroom; WGV is five stories, with 250 beds and one classroom, for a total of 1,610 beds and four classrooms. They will be located where the former Cooperstown A, B, C, F & G buildings were located.

Project Status:

This project has been accepted as substantially complete.

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

Campus Security System

Project Number: 2342.00

Scope: \$5,000,000

Project Description:

This project includes various security initiatives using a centralized safety response to campus monitored from the Police Department located in the Safety and Security Building for both the Main campus and UK HealthCare (UKHC) campus. The project includes a geo-diverse video management system (VMS) and security management system (SMS) that provides situational awareness to targeted areas on campus and event driven analytics to alert University Campus Police of possible threats to campus. This project will provide campus-wide camera monitoring, early warning systems speakers, and other communication devices to monitor and respond to campus incidents. The project will provide the infrastructure necessary for proposed installations and incorporate or replace legacy systems to a single security system.

Consultant: Biagi, Chance, Cummins, London & Titzer

Contract # A131060B	Original Contract Amount:	\$50,000
Total Amendments to Date:	Cumulative Amendment Amount:	
Describe all amendments :	Revised Contract Amount:	\$50,000

No amendments this quarter.

Contractor: Dallmann Systems, Inc. *Dallman's contract awarded by RFP Process

Contract # 7500014489	Original Contract Amount:	\$3,624,511
Total Change Orders to Date: 33	Cumulative Change Order Amount:	\$197,125
Low Bid:	Revised Contract Amount:	\$3,821,636
High Bid:	Contract Percent Complete:	99%

Number of Bids:

Describe all change orders greater than \$25,000.00:

Change Order # 1, 5/2/13, was approved for an increase of \$27,539 to change ID cards from Duo Prox II to iClass Corporate 1000. **Change Order # 32**, 2/28/14, was approved for a decrease of \$91,534 to provide for a variety of changes including deduction of the interior notification system, addition of long range proximity ADA readers at all ADA entrances, installation of laminated labels on all readers, provision of connectivity to police operations center for the emergency phones, and eight terabytes of storage to seven video recorders. This change is a result of Value Engineering options approved by the UK Police Department and existing conditions discovered during installation. **No change orders greater than \$25,000 this quarter.**

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

Center for Applied Energy Research Slipstream Capital Project

Project Number: 2398.00

Project Description:

Scope: \$2,700,000

The Center for Applied Research (CAER) has developed a novel heat integration scheme for the system that is expected to meet the Department of Energy performance and cost targets of 90% CO2 capture, 95% CO2 purity, with an increase in the cost of electricity of less than 35%. The CAER CO2 capture process has been designed and will be erected and operated at LG&E/KU's E.W. Brown Generating Station in Harrodsburg, Kentucky. The project will be led by CAER with collaboration from the Electric Power Research Institute, Mitsubishi Hitachi Power Systems America, Koch Modular Process Systems and the Smith Management Group.

Consultant: CMTA Engineers

Contract # A151080

Original Contract Amount:

\$101,000

Total Amendments to Date: 1

Cumulative Amendment Amount:

\$12,500

Describe all amendments :

Revised Contract Amount:

\$113,500

Amendment # 1, 10/14/14, an increase of \$12,500 was approved to provide additional design services required to determine electrical connection requirements for the new research modules at the Brown Station power plant. **No amendments this quarter.**

Contractor: Hall Contracting of Kentucky, Inc.

Contract # 7500040895

Original Contract Amount:

\$1,707,000

Total Change Orders to Date: 9

Cumulative Change Order Amount:

\$93,593

Low Bid: \$1,707,000

Revised Contract Amount:

\$1,800,593

High Bid: \$1,707,000

Contract Percent Complete:

99%

Number of Bids: 1

Describe all change orders greater than \$25,000.00:

Change Order # 5, 2/14/15, was approved for an increase of \$29,786 to provide conduit raceway for the instrument wiring, which was originally to be owner furnished. **No change orders greater than \$25,000 this quarter.**

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

Construct Academic Science Building

Project Number: 2363.00

Scope: \$112,000,000

Project Description:

This project will construct a new Academic Science facility. The new facility will house most of the introductory science laboratory courses allowing students to learn the commonalities of multiple science disciplines in an interdisciplinary fashion and model "team problem-solving". The facility will be student oriented, having an open environment that encourages interaction and collaboration beyond the classroom. The new building will also contain premier interdisciplinary undergraduate science teaching labs and classrooms as well as student commons space, group and individual study rooms, and other amenities. The project also includes 49,500 gross square feet of shelled research space.

Consultant: JRA Architects

Contract # A131210

Total Amendments to Date: 1

Original Contract Amount: \$7,445,842

Cumulative Amendment Amount: \$751,250

Revised Contract Amount: \$8,197,092

Describe all amendments :

Amendment 1, 4/14/15, an increase of \$751,250 was approved for additional design of bid packages not originally envisioned at the start of the project. These include relocation of the occupants of Wenner Gren into the Multi-Disciplinary Science building, long lead delivery coordination affecting elevators and structural steel frame, and the academic fit-up of six shelled rooms due to favorable bids to date. No amendments this quarter.

Contractor: Messer Construction Co. Note: This is a 'CM-At-Risk" contract. The amount will be increased as subcontracts are bid and added. Messer's contract was awarded by RFP process.

Contract # 7500019604

Total Change Orders to Date: 42

Low Bid:

High Bid:

Number of Bids:

Original Contract Amount: \$84,983,096

Cumulative Change Order Amount: \$2,000,301

Revised Contract Amount: \$86,983,397

Contract Percent Complete: 44%

Describe all change orders greater than \$25,000.00:

Change Order # 17, 8/8/14, was approved for an increase of \$250,260 to provide for disposal and oversight of disposal of non-friable asbestos discovered within the exterior cavity of Donovan Hall during demolition, as well as disposal of impacted materials such as exterior brick and portions of the concrete frame. Change Order # 19, 12/21/14, was approved for an increase of \$27,198 to provide for handling and disposal of non-friable asbestos discovered in the roof of the Werner Gren Addition and the parapet of the original Wenner Gren building. Change Order # 22, 12/21/14, was approved for an increase of \$27,278 to provide third party oversight and sampling/monitoring provided by Sierra Environmental during asbestos abatement and disposal on Donovan Hall as well as numerous locations of site utilities. Change Order # 26, 5/18/15, was approved for a decrease of \$76,017 to provide vertical sashes for the bench-top fume hoods and demonstration hoods, in lieu of combination sashes that are not necessary for the end user. Change Order # 31, 7/30/15, was approved for a decrease of \$56,083 to provide a credit to omit the work for the temporary sidewalk installation along the west elevation of Haggin Hall. Change Order # 33, 8/5/15, was approved for an increase of \$113,851 provide for the addition of a rainwater and condensate collection system to supply an irrigation system. Change Order # 34, 8/5/15, was approved for an increase of \$79,600 to replace the lighting fixtures in office spaces with pendant fixtures to provide aesthetic and serviceability consistency with the other lighting throughout the floor. Change Order # 35, 8/31/15, was approved for an increase of \$439,767 to complete the mechanical work associated with fit-up of an additional six rooms and four mechanical closets of shell space. Change Order # 36, 8/31/15, was approved for an increase of \$303,728 to complete the electrical work associated with fit-up of an additional six rooms and four mechanical closets of shell space. Change Order # 37, 8/14/15, was approved for an increase of \$38,862 to provide and install additional basement underslab drainage and corresponding sump system. Change Order # 38, 8/31/15, was approved for an increase of \$193,004 to provide laboratory equipment and casework associated with fit-up of an additional six rooms and four mechanical closets of shell space. Change Order # 39, 8/31/15, was approved for an increase of \$311,423 to complete the interior construction associated with fit-up of an additional six rooms and four mechanical closets of shell space. Change Order # 40, 8/28/15, was approved for an increase of \$126,310 to provide additional occupancy sensors to one hundred eighteen fume hoods. This will increase HVAC efficiency and reduce energy consumption costs with a four

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

year payback. Change Order # 41, 8/28/15, was approved for an increase of \$67,139 to provide supplemental structural steel framing masonry relief required to support the masonry construction along the column line that extends back over the building low roof.

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

Construct, Expand, and Renovate Ambulatory Care Facility - UKHC (KY Clinic)

Project Number: 2395.00

Project Description:

Scope: \$2,800,000

This project will renovate both the Medicine and Urology Clinics located in the original section of the Kentucky Clinic Building. These renovations will create more usable exam room space, enhance patient and staff circulation, improve waiting areas and upgrade HVAC systems to current standards.

Consultant: JRA Architects

Contract # A151190

Original Contract Amount:

\$254,144

Total Amendments to Date:

Cumulative Amendment Amount:

Describe all amendments :

Revised Contract Amount:

\$254,144

No amendments this quarter.

Contractor: No construction contract awarded to date.

Contract #

Original Contract Amount:

Total Change Orders to Date:

Cumulative Change Order Amount:

Low Bid:

Revised Contract Amount:

High Bid:

Contract Percent Complete:

Number of Bids:

Describe all change orders greater than \$25,000.00:

Construct, Expand, and Renovate Ambulatory Care Facility - UKHC (Pediatric)

Project Number: 2403.00

Project Description:

Scope: \$1,000,000

Pediatric Hematology/Oncology services are currently located on the second floor of the Kentucky Clinic. This capital project will renovate space on the fourth floor of Pavilion H to relocate Pediatric Hematology/Oncology services. The renovation will create pediatric exam room space and locate Pediatric Hematology/Oncology services in proximity to other pediatric services also on the fourth floor of Pavilion H. This project will result in enhanced overall coordinated care for children.

Consultant: Moody Nolan

Contract # A161000ZZ

Original Contract Amount:

\$41,200

Total Amendments to Date:

Cumulative Amendment Amount:

Describe all amendments :

Revised Contract Amount:

\$41,200

No amendments this quarter.

Contractor: No construction contract awarded to date.

Contract #

Original Contract Amount:

Total Change Orders to Date:

Cumulative Change Order Amount:

Low Bid:

Revised Contract Amount:

High Bid:

Contract Percent Complete:

Number of Bids:

Describe all change orders greater than \$25,000.00:

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

Construct, Expand, or Renovate Ambulatory Care Facility - UKHC (Warren Wright)

Project Number: 2433.00

Scope: \$3,300,000

Project Description:

This project will renovate the areas currently occupied by the Department of Orthopedic Surgery's clinic located on the first floor of the Warren Wright Medical Plaza Building. This renovation project will create more usable exam rooms; enhance patient and staff circulation; improve waiting areas; and upgrade the HVAC systems to current standards. These improvements also will support the consolidation of clinical services resulting in more efficient operations necessary to manage the increasing volume of patients.

Consultant: Champlin Architecture

Contract # A161100

Total Amendments to Date:

Describe all amendments :

No amendments this quarter.

Original Contract Amount: \$239,900

Cumulative Amendment Amount:

Revised Contract Amount: \$239,900

Contractor: No construction contract awarded to date.

Contract #

Total Change Orders to Date:

Low Bid:

High Bid:

Number of Bids:

Original Contract Amount:

Cumulative Change Order Amount:

Revised Contract Amount:

Contract Percent Complete:

Describe all change orders greater than \$25,000.00:

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

Construct Football Training Facility and Practice Fields

Project Number: 2397.00

Scope: \$45,000,000

Project Description:

This project will construct the Football Training Facilities and Practice Fields for the Department of Intercollegiate Athletics football program. The project will include a new two-story structure and two practice fields with an adjoining drill area and will house administrative offices, locker spaces, team meeting areas, training areas, high performance and weight room spaces, equipment rooms, a hydrotherapy room, player locker rooms, lounge facilities, an academic lounge/study area, and an entrance lobby with enhanced visitor amenities.

Consultant: RossTarrant Architects

Contract # A141200

Total Amendments to Date: 1

Original Contract Amount: \$3,077,278

Cumulative Amendment Amount: \$37,037

Revised Contract Amount: \$3,114,315

Describe all amendments :

Amendment # 1, 10/14/14, an increase of \$37,037 was approved for additional design and construction administration services as required to provide expanded food service design, additional site survey services, and an additional utility locator service. **No amendments this quarter.**

Contractor: Congleton-Hacker Co.

This is a 'CM-At-Risk' contract. The amount will be increased as subcontracts are bid and added. The contract was awarded by RFP process.

Contract # 7500034205

Total Change Orders to Date: 44

Low Bid:

High Bid:

Number of Bids:

Original Contract Amount: \$34,913,719

Cumulative Change Order Amount: \$211,612

Revised Contract Amount: \$35,125,331

Contract Percent Complete: 32%

Describe all change orders greater than \$25,000.00:

Change Order # 13, 6/11/15, was approved for an increase of \$37,255 to relocate the existing power to three manholes due to excavation associated with the project. **Change Order # 35**, 8/20/15, was approved for a decrease of \$38,850 to provide a credit for the removal of the cantilevered balcony at the four smaller observation towers viewing the practice fields. **Change Order # 39**, 9/1/15, was approved for an increase of \$48,174 to create a temporary parking lot for game day parking and contractor parking between the new College Way and previous College Way locations.

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

Construct, Replace, or Upgrade Student Housing (Fit-up Creative Arts Living

Project Number: 2426.00

Scope: \$2,144,500

Project Description:

This project will fit-up shelled space in the new Limestone Park I housing facility for a creative arts living learning program. This project will provide music practice rooms, a multipurpose art education studio, creative writer's laboratory with computers, performance space with large-scale visualization capability for dance, music and theatre, and rooms conducive for group interaction.

Consultant: Sherman Carter Barnhart

Contract # A151230

Total Amendments to Date:

Describe all amendments :

No amendments this quarter.

Original Contract Amount:	\$200,520
Cumulative Amendment Amount:	
Revised Contract Amount:	\$200,520

Contractor: No construction contract awarded to date.

Contract #

Total Change Orders to Date:

Low Bid:

High Bid:

Number of Bids:

Describe all change orders greater than \$25,000.00:

Original Contract Amount:	
Cumulative Change Order Amount:	
Revised Contract Amount:	
Contract Percent Complete:	

Construct Research Building 2

Project Number: 2425.00

Scope: \$165,000,000

Project Description:

This project will construct an approximately 300,000 gross square foot multidisciplinary research building to meet the current and future needs of world-class researchers. This state-of-the-art facility will attract and retain researchers who successfully compete for externally funded research. The building design will be flexible and open to provide modern space for multi-disciplinary research involving programs such as medicine, nursing, health sciences, pharmacy, psychology, agriculture, biology, chemistry and engineering. The flexibility of the labs will be carried into the office environment, allowing the occupants to easily modify the space to fit their changing needs.

Consultant: Champlin Architecture

Contract # A151270

Total Amendments to Date:

Describe all amendments :

No amendments this quarter.

Original Contract Amount:	\$11,397,600
Cumulative Amendment Amount:	
Revised Contract Amount:	\$11,397,600

Contractor: The Whiting-Turner Contracting Company

Contract # 7500057013

Total Change Orders to Date:

Low Bid:

High Bid:

Number of Bids:

Describe all change orders greater than \$25,000.00:

No change orders greater than \$25,000 this quarter.

This is a 'CM-At-Risk' contract. The amount will be increased as subcontracts are bid and added. The contract was awarded by RFP process.

Original Contract Amount:	\$8,703,729
Cumulative Change Order Amount:	
Revised Contract Amount:	\$8,703,729
Contract Percent Complete:	

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

Construct UK/Nicholasville Road Flood Mitigation

Project Number: 2336.00

Scope: \$11,880,030

Project Description:

This project will construct three separate improvements, to provide 100 year storm (and lesser storm) mitigation to prevent roadway overtopping and improve pedestrian safety addressing storm water quantity within this one campus water shed. 1) Area south of Alumni Drive at Shawneetown Drive (includes permanent removal of remaining section of Shawneetown Drive and relocation of existing utilities) will be excavated for additional storm water detention. 2) Existing culvert upgrade at the upstream side of Nicholasville Road. 3) Installation of storm water retention areas between University Drive extension and Greg Page Drive, south of Alumni Drive. The \$11,880,030 project will be funded by a federal grant of \$8,910,023 from FEMA with the balance of \$2,970,007 being the in kind value of the 3.6 acres of University of Kentucky land determined by adjacent property values. Water quality related issues may also be part of the project scope depending on available funds and compatibility with storm water quantity design. At the completion of the project, the final landscaping will create a natural park setting, creating a model of how storm water management areas can also be passive park settings.

Consultant: Bell Engineering

Contract # A121130

Total Amendments to Date: 1

Original Contract Amount: \$427,000

Cumulative Amendment Amount: \$272,000

Revised Contract Amount: \$699,000

Describe all amendments :

Amendment 1, 12/10/13, an increase of \$272,000 was approved for additional design services as required due to an increase in scope after additional grant funding was awarded. **No amendments this quarter.**

Contractor: Bluegrass Contracting Corp.

Contract # 7500031357

Total Change Orders to Date: 20

Low Bid: \$9,991,000

High Bid: \$5,404,487

Number of Bids: 9

Original Contract Amount: \$5,404,487

Cumulative Change Order Amount: \$463,287

Revised Contract Amount: \$5,867,774

Contract Percent Complete: 98%

Describe all change orders greater than \$25,000.00:

Change Order # 12, 6/30/15, was approved for an increase of \$41,095 to excavate rock on each side of the existing water line by hand method in lieu of the use of a mechanical hoe ram. **Change Order # 13, 7/7/15,** was approved for an increase of \$60,957 to haul off unusable excavation material to a waste area offsite. **Change Order # 14, 7/27/15,** was approved for an increase of \$39,036 to provide overtime labor and additional equipment rental as needed to complete in time for fall planting. The project fell behind due to extreme adverse weather. **Change Order # 15, 8/14/15,** was approved for an increase of \$142,569 to install rock swales to maintain and channelize the flow of multiple springs, seeps, and other ground water. **Change Order # 19, 9/11/15,** was approved for an increase of \$28,599 to excavate and backfill the stone retaining wall due to erosion and maintenance issues.

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

Emergency Replacement of Central Heating Plant Boilers

Project Number: 2429.00

Scope: \$8,500,000

Project Description:

On March 27, 2015, the University's Central Heating Plant suffered a severe fire rendering two boilers inoperable. The status of the second boiler is questionable, but may require replacement as well. These boilers are a significant component of the campus heating infrastructure capacity and their inoperability compromises our ability to heat the campus for the next heating season.

Consultant: Staggs & Fisher Engineers

Contract # A161070

Total Amendments to Date:

Describe all amendments :

No amendments this quarter.

Original Contract Amount: \$413,300

Cumulative Amendment Amount:

Revised Contract Amount: \$413,300

Contractor: No construction contract awarded to date.

Contract #

Total Change Orders to Date:

Low Bid:

High Bid:

Number of Bids:

Describe all change orders greater than \$25,000.00:

Original Contract Amount:

Cumulative Change Order Amount:

Revised Contract Amount:

Contract Percent Complete:

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

Improve/Upgrade Alumni Drive

Project Number: 2412.00

Scope: \$5,000,000

Project Description:

Alumni Drive runs east-west along the southern portion of the University between Nicholasville and Tates Creek roads. The road has two twelve-foot travel lanes with narrow three-foot shoulders for the majority of the route. Alumni Drive serves both as a local access route for the surrounding campus, and as a cut-through connector route between the two principal arterials of Nicholasville and Tates Creek roads. This capital project will address several hazardous conditions along this thoroughfare.

Consultant: CDM Smith

Contract # A151120

Total Amendments to Date: 1

Original Contract Amount: \$619,367

Cumulative Amendment Amount: \$69,500

Revised Contract Amount: \$688,867

Describe all amendments :

Amendment 1, 8/11/15, an increase of \$69,500 was approved to provide additional construction administration services as necessary for the increased level of coordination to include bi-weekly coordination meetings, a full-time senior inspector, facilitation of public relations, and administrative coordination of the UK EComm system.

Contractor: L-M Asphalt Partners, Ltd, dba ATS Construction

Contract # 7500048383

Total Change Orders to Date: 21

Low Bid: \$3,841,229

High Bid: \$5,198,078

Number of Bids: 3

Original Contract Amount: \$3,841,229

Cumulative Change Order Amount: \$326,921

Revised Contract Amount: \$4,168,150

Contract Percent Complete: 99%

Describe all change orders greater than \$25,000.00:

Change Order # 3, 6/8/15, was approved for an increase of \$25,153 to provide for installation of high voltage electrical conduit under University Drive near the roundabout for future access to south side of Alumni. Change Order # 7, 7/7/15, was approved for an increase of \$68,924 to provide for undercut remediation of the spoiled roadbed soil along six sections of Alumni Drive totaling a length of 1,018 feet. Change Order # 14, 8/21/15, was approved for an increase of \$115,006 to enhance safety along Alumni Drive by installing twenty-nine light fixtures around both roundabouts and the section of roadway between the two roundabouts.

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

Renovate Academic/Administrative Facility 3 - Combs Cancer Research Building

Project Number: 2428.00

Project Description:

Scope: \$941,449

This project will renovate approximately 2,575 net assignable square feet of the Combs Cancer Research Building animal facility. The renovated space will provide a needed bio-exclusion barrier housing unit on the east biomedical complex campus. The project also will relocate an existing bedding dispenser and install a new dry heat sterilizer and a new automated conveyor system. The conveyor system will help prevent staff injuries.

Consultant: Omni Architects

Contract # A161000KK	Original Contract Amount:	\$48,000
Total Amendments to Date:	Cumulative Amendment Amount:	
Describe all amendments :	Revised Contract Amount:	\$48,000

No amendments this quarter.

Contractor: No construction contract awarded to date.

Contract #	Original Contract Amount:	
Total Change Orders to Date:	Cumulative Change Order Amount:	
Low Bid:	Revised Contract Amount:	
High Bid:	Contract Percent Complete:	
Number of Bids:		

Describe all change orders greater than \$25,000.00:

Renovate Academic/Administrative Space 4 - Anderson Hall

Project Number: 2436.00

Project Description:

Scope: \$797,614

This project will renovate a computer lab to a Chemical and Materials Engineering teaching lab and includes structural improvements, floor replacement, and other infrastructure and life safety repairs. The project requires relocating a men's restroom adjacent to a women's restroom and upgrading both to comply with the Americans with Disabilities Act Standards for Accessible Design.

Consultant: Murphy+Graves+Trimble

Contract # A161000II	Original Contract Amount:	\$65,000
Total Amendments to Date:	Cumulative Amendment Amount:	
Describe all amendments :	Revised Contract Amount:	\$65,000

No amendments this quarter.

Contractor: BCD

Contract # 4300147592	Original Contract Amount:	\$535,800
Total Change Orders to Date: 4	Cumulative Change Order Amount:	\$23,984
Low Bid: \$535,800	Revised Contract Amount:	\$559,784
High Bid: \$647,500	Contract Percent Complete:	25%
Number of Bids: 4		

Describe all change orders greater than \$25,000.00:

No change orders greater than \$25,000 this quarter.

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

Renovate Old Softball/Soccer Locker Room

Project Number: 2401.00

Scope: \$2,200,000

Project Description:

The men's and women's soccer and the women's softball teams have been moved from the old soccer/softball facility to newly renovated facilities in the expanded softball/soccer complex. However, the men's and women's soccer and women's softball team offices remain in Commonwealth Stadium. This project will renovate the existing soccer/softball locker and shower space in the old soccer/softball building to create new office and administrative space for the coaches and staff of the three teams. As a result, the student-athletes will have access to their coaches and coaching staff in adjacent facilities.

Consultant: Brandstetter Carroll, Inc.

Contract # A151090

Total Amendments to Date: 1

Original Contract Amount: \$62,800

Cumulative Amendment Amount: \$12,000

Revised Contract Amount: \$74,800

Describe all amendments :

Amendment 1, 4/14/15, an increase of \$12,000 was approved to provide for special inspections, fire protection flow test, and plan review fees. **No amendments this quarter.**

Contractor: Olympic Construction

Contract # 7500046801

Total Change Orders to Date: 3

Low Bid: \$1,586,198

High Bid: \$1,956,950

Number of Bids: 8

Original Contract Amount: \$1,586,198

Cumulative Change Order Amount: \$11,845

Revised Contract Amount: \$1,598,043

Contract Percent Complete: 99%

Describe all change orders greater than \$25,000.00:

No change orders greater than \$25,000 this quarter.

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

Renovate/Expand Gatton Building

Project Number: 2345.00

Scope: \$65,000,000

Project Description:

This project includes renovating and expanding the existing 138,400 gross square foot Gatton Building. The expansion will include a three story addition consisting of 65,727 gross square feet comprised primarily of community-oriented space to include an atrium, with a café and seating area, classrooms, and a 500 seat auditorium. The addition will become the primary entrance to the building and will be accessed from central campus. A secondary entrance from South Limestone Street will also be incorporated in the renovated space. The original 1963 building will provide various types of space for faculty and students; the classrooms in the 1991 addition will be renovated and updated to include the latest technology. When completed, the building will have a total of 204,127 gross square feet.

Consultant: Ross Tarrant Architects

Contract # A131090

Total Amendments to Date: 4

Original Contract Amount: \$3,716,149

Cumulative Amendment Amount: \$1,831,866

Revised Contract Amount: \$5,548,015

Describe all amendments :

Amendment 1, 6/11/13, an increase of \$1,752,276.24 was approved to provide bidding and construction administration services which were not included in the original contract due to phased legislative authorities, and includes expanded programming and design services. **Amendment 2**, 12/10/13, an increase of \$53,550 was approved for to provide for additional reimbursable services including fire modeling services and design & coordination of the building security system. **Amendment 3**, 7/8/14, a zero dollar amendment was approved to reduce reimbursable services by \$12,400 and increase design services by same to provide design and bidding services for a redesign of the landscaping plan and incorporation of a second retaining wall on the north slope of the site development. **Amendment 4**, 6/9/15, an increase of \$26,040 was approved to provide design services for the internet protocol television (IPTV) system along with revisions to the audio visual systems in the incubator lab, classrooms, finance learning center, and event space. **No amendments this quarter.**

Contractor: Skanska USA Building

Note: This is a 'CM-At-Risk' contract. The amount will be increased as subcontracts are bid and added. *SKANSKA's contract was awarded by RFP process.

Contract # 7500012212

Total Change Orders to Date: 243

Low Bid:

High Bid:

Number of Bids:

Original Contract Amount: \$52,482,798

Cumulative Change Order Amount: \$3,978,541

Revised Contract Amount: \$56,461,339

Contract Percent Complete: 75%

Describe all change orders greater than \$25,000.00:

Change Order # 1, 3/7/14, was approved for an increase of \$51,262 to provide labor, equipment, and material necessary to install 1,000 gallon grease trap and associated piping to comply with LFUCG standards for the food service component of the project. **Change Order # 5**, 3/18/14, was approved for an increase of \$105,784 to modify the site development design to include the changes in design from bid to the time the enabling package was released. The change was a result of fast tracking the project. **Change Order # 6**, 3/21/14, was approved for an increase of \$158,287 to install temporary underground storm and sanitary lines to maintain active sewer lines during the installation of the drilled piers and grade beam of the new addition. **Change Order # 17**, 6/27/14, was approved for an increase of \$29,627 to install a one hour fire rated infill partition at the separation of the '63 and '90's buildings. **Change Order # 24**, 8/21/14, was approved for an increase of \$55,072 to adjust the contract allowance based on unit prices for the actual volume of caissons as installed compared to the quantity in the contract. **Change Order # 25**, 8/26/14, was approved for an increase of \$58,007 to provide the labor and material as necessary for abatement of fittings above the specified amount in the bid documents. **Change Order # 30**, 9/19/14, was approved for an increase of \$53,211 to add a second retaining wall/seat wall to provide a less steep grade coming from University Drive. **Change Order # 35**, 10/3/14, was approved for an increase of \$44,336 to provide additional one-hour fire proofing in areas of roof decking under 20' in height. **Change Order # 36**, 10/3/14, was approved for an additional \$42,574 to use a varied floor pattern and color palate more in line with the design intent of the building and the atrium and lobbies. **Change Order # 43**, 11/6/14, was approved for an increase of \$75,000 to infill the existing holes in the first, second, third, and fourth floor slabs. Some extra large holes will require additional steel support for the repairs. **Change Order # 44**, 11/6/14, was approved for an increase of \$35,000 to infill the existing openings in the concrete masonry (CMU) chase walls. Small openings are to be filled with fire caulking and large ones with CMU block. **Change Order # 46**, 11/7/14, was

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

approved for an increase of \$44,068 to provide labor and material for switch from a knock-down hollow metal door frame to a welded frame on all doors. **Change Order # 52**, 11/24/14, was approved for an increase of \$27,387 to provide standpipes at the intermediate landings with a shaft surrounding the standpipe and valve cabinets to meet code requirements. **Change Order # 55**, 12/5/14, was approved for an increase of \$152,201 to make revisions to the power and low voltage plans in order to accommodate the forthcoming audio-visual package. **Change Order # 58**, 12/5/14, was approved for an increase of \$170,026 to provide changes to security hardware and software to assure compatibility with the campus security system. **Change Order # 62**, 1/8/15, was approved for an increase of \$147,600 to enclose and provide temporary heat to Areas A and C for the winter season allowing work to continue. **Change Order # 64**, 1/26/15, was approved for an additional \$53,411 - Provide for a necessary acceleration of fabrication of materials on site and added hours to make up lost time due to three specific subsurface issues that impacted sequencing of work for the concrete contractor's scope of work. **Change Order # 65**, 1/26/15, was approved for an increase of \$29,360 to switch from quarter sawn white ash to quarter sawn white oak solid trim metal throughout the project. This material will maintain the same custom stain coloration across all wood locations. **Change Order # 70**, 2/2/15, was approved for an increase of \$36,319 to furnish and install glass handrail/guardrail in the atrium and auditorium. **Change Order # 75**, 2/9/15, was approved for an increase of \$30,762 to revise the wireless rough-in layout for the large classrooms, auditorium, and other large spaces. **Change Order # 83**, 3/1/15, was approved for an increase of \$54,946 to incorporate new granite material rather than salvaged granite in the atrium and on the stair treads for the social stairs. Salvaged granite was determined to be unsuitable for use in these applications. **Change Order # 87**, 3/12/15 was approved for an increase of \$32,343 to add an additional layer of plywood and blocking at the classroom tiers and amend the construction of the risers due to constraints with the fixed table manufacturer mounting requirements. **Change Order # 83**, 3/1/15, was approved for an increase of \$54,946 to provide for a new selection of granite stair treads for the social stair as salvaged granite is unsuitable for use in this application. **Change Order # 87**, 3/12/15, was approved for an increase of \$32,343 to add an additional layer of plywood at the classroom tiers and modify the risers due to constraints with fixed table manufacturer mounting requirements. **Change Order # 103**, 4/6/15, was approved for an increase of \$140,180 to provide and install temporary egress stairs in the atrium to provide temporary means of egress from the classrooms located on second and third floors of the new addition during phase 2 of the project. **Change Order # 113**, 4/17/15, was approved for an increase of \$27,590 include materials needed to structurally modify and safely anchor the atrium catwalk and fall arrest system on the north side of the atrium. **Change Order # 148**, 6/1/15, was approved for an increase of \$192,325 to provide a system of temporary partitions, signage, and alarms necessary to ensure the conditions for proper separation during phased construction. **Change Order # 156**, 6/8/15, was approved for an increase of \$54,765 to provide additional power and data receptacles in the IT suite and Room 337C necessary to support the equipment to be used in the space. **Change Order # 159**, 6/8/15, was approved for an increase of \$38,217 to modify openings and install six hollow metal door frames at Stairs B & C in plan area A at the 2nd, 3rd, & 4th floor locations to accommodate new door widths. **Change Order # 163**, 6/10/15, was approved for an increase of \$25,351 to add pathways and infrastructure required for audio visual equipment in meeting room 132F. **Change Order # 172**, 6/23/15, was approved for an increase of \$39,289 to add a separate fan coil unit to the room in the IT suite 337 that has been changed from a storage room to a server room. **Change Order # 186**, 7/16/15, was approved for an increase of \$41,524 to add the linear slot diffusers to the east and west sides of the Atrium. **Change Order # 190**, 7/20/15, was approved for an increase of \$41,097 to modify the locations of vinyl film and fabricated letters to enhance privacy and wayfinding. **Change Order # 192**, 7/23/15, was approved for an increase of \$47,642 to provide electrical rough-in, drywall openings, and back boxes for the addition of motorized projection screens in classrooms on the first and second floors. **Change Order # 197**, 7/23/15, was approved for an increase of \$29,588 to add the needed steel to carry the loads of windows, walls, wood veneer panels, and other architectural elements at the northwest atrium alcove. **Change Order # 202**, 8/5/15, was approved for an increase of \$32,011 to provide for demolition and additional pavement of the sidewalks between the Matthews Building and Gatton. **Change Order # 232**, 9/11/15, was approved for an increase of \$117,735 to replace the brick sanitary manhole and the piping connecting it with a concrete structure on the southwest side due to degradation. **Change Order # 233**, 9/11/15, was approved for an increase of \$55,761 to provide the necessary fire rating and fire caulking needed in the existing stairs due to found conditions. **Change Order # 243**, 9/20/15, was approved for an increase of \$26,769 to reroute the power feed from the Administration Drive guard shack to the new electrical panel in Gatton.

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

Renovate/Expand Student Center

Project Number: 2396.00

Scope: \$175,000,000

Project Description:

This project will include selective demolition, expansion and renovation of the Student Center. Alumni Gym will be renovated and incorporated into the new Student Center. The project is expected to expand the University's Student Center to more than 367,387 square feet and will include an atrium, recreation area, lounges, conference facilities, entertainment venues, retail space, food service, bookstore, student organization space and administrative support offices.

Consultant: Omni Architects

Contract # A141210

Total Amendments to Date:

Describe all amendments :

No amendments this quarter.

Original Contract Amount:	\$10,104,022
Cumulative Amendment Amount:	
Revised Contract Amount:	\$10,104,022

Contractor: Messer Construction Co. Note: This is a 'CM-At-Risk' contract. The amount will be increased as subcontracts are bid and added. *Messer's contract was awarded by RFP process.

Contract # 7500038441

Total Change Orders to Date: 8

Low Bid:

High Bid:

Number of Bids:

Original Contract Amount:	\$22,451,229
Cumulative Change Order Amount:	\$94,822
Revised Contract Amount:	\$22,546,051
Contract Percent Complete:	4%

Describe all change orders greater than \$25,000.00:

Change Order # 3, 8/5/15, was approved for an increase of \$29,220 to install gravel bedding beneath the chilled water supply and return piping where the new steam piping is being installed.

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

Renovate/Replace Playing Field - Commonwealth Stadium

Project Number: 2416.00

Scope: \$1,000,000

Project Description:

Commonwealth Stadium's playing surface has not been completely renovated since 2001. This project will renovate and replace the natural grass playing surface with a synthetic "in-fill" type surface for the Department of Intercollegiate Athletics football program. This project will include removal of the existing natural grass playing surface and sand-based subsurface and installation of the in-fill type synthetic grass surface over the existing field drainage system.

Consultant: Project is Design/Build. See below for Contractor.

Contract #

Original Contract Amount:

Total Amendments to Date:

Cumulative Amendment Amount:

Describe all amendments :

Revised Contract Amount:

Not Applicable.

Contractor: Tree Top Landscaping, Inc. dba SportsFields

* This contract is Design Build and was awarded by RFP process

Contract # 7500043673

Original Contract Amount:

\$899,215

Total Change Orders to Date: 2

Cumulative Change Order Amount:

\$1,157

Low Bid:

Revised Contract Amount:

\$900,372

High Bid:

Contract Percent Complete:

100%

Number of Bids:

Describe all change orders greater than \$25,000.00:

Change Order # 2, 6/26/15, was approved for a decrease of \$35,022 to deduct the value of the stone base from the contract due to a donation of Stone to the University. **No change orders greater than \$25,000 this quarter.**

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

Renovate/Upgrade Academic Space - Patterson Hall

Project Number: 2417.00

Scope: \$15,000,000

Project Description:

Patterson Hall was opened in 1904 as the first University of Kentucky women's dormitory. This capital project will renovate and upgrade this historically significant structure integrating it into the newly developed north campus. Patterson Hall will be renovated and upgraded for use as classrooms, study areas, and gathering spaces as part of the Living-Learning Program. Renovations will also include some office space for functions supporting UK students. Additionally, this project will upgrade major building mechanical systems and perform exterior repairs to enhance the historical integrity and ensure the longevity of the building. By saving and rehabilitating this building, the University preserves a significant contribution to the architectural history of the campus; maintaining it for future generations of students, faculty, and alumni.

Consultant: Lord, Aeck & Sargent Inc.

Contract # A151160

Total Amendments to Date: 1

Original Contract Amount: \$7,500,000

Cumulative Amendment Amount: \$229,600

Revised Contract Amount: \$7,729,600

Describe all amendments :

Amendment 1, 4/14/15, an increase of \$229,600 was approved for additional consulting services required due to the increase in project scope. It also includes added programming, conceptual building and landscape plans for a future addition to the Blazer Hall side of Patterson Hall, and renderings. **No change orders greater than \$25,000 this quarter.**

Contractor: Congleton Hacker Co.

Note: This is a 'CM-At-Risk' contract. The amount will be increased as subcontracts are bid and added. *Congleton-Hacker's contract was awarded by RFP process.

Contract # 7500043674

Total Change Orders to Date:

Low Bid:

High Bid:

Number of Bids:

Original Contract Amount: \$10,275,730

Cumulative Change Order Amount:

Revised Contract Amount: \$10,275,730

Contract Percent Complete: 9%

Describe all change orders greater than \$25,000.00:

No change orders greater than \$25,000 this quarter.

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

Renovate/Upgrade Hospital Facilities - Good Samaritan E.D.

Project Number: 2394.00

Scope: \$8,039,840

Project Description:

This project will develop a design for the renovation of the Good Samaritan Emergency Department. The renovation contemplated will address the needs of the patient population and the clinical services offered at Good Samaritan. Specific elements will likely include expanded service capabilities, private patient rooms, improved staff support spaces, and enhanced patient and family waiting space.

Consultant: Stengel-Hill Architecture

Contract # A151110

Total Amendments to Date: 1

Original Contract Amount: \$228,500

Cumulative Amendment Amount: \$287,500

Revised Contract Amount: \$516,000

Describe all amendments :

Amendment 1, 6/17/15, an increase of \$287,500 was approved for additional design and construction administration services required to complete construction phases 3-8 of the project and an additional 1,500 square feet of the existing laboratory. **No amendments this quarter.**

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Contractor: No construction contract awarded to date.

Contract #

Total Change Orders to Date:

Low Bid:

High Bid:

Number of Bids:

Original Contract Amount:

Cumulative Change Order Amount:

Revised Contract Amount:

Contract Percent Complete:

Describe all change orders greater than \$25,000.00:

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

Renovate/Upgrade UK HealthCare Facilities (Phase I-F) - 9th & 10 Floor Fit-Out and

Project Number: 2402.10

Scope: \$68,962,146

Project Description:

The Albert B. Chandler Hospital facilities development plan provides for the systematic replacement and renovation of patient care facilities. Since the opening of the first two patient care floors in Pavilion A of the new Patient Care Facility in May 2011, UKHC has continued to experience strong patient demand for the delivery of its hospital system services. This volume increase has placed substantial capacity constraints on UK inpatient hospital operations. This project will help alleviate these constraints and includes the fit-up of the ninth and tenth floors for inpatient medicine/pulmonary services. This project will provide 128 inpatient beds, including 48 ICU beds. Also included in this project is the purchase and installation of (9) elevators.

Consultant: GBBN Architects

Contract # A151070

Original Contract Amount: \$884,500

Total Amendments to Date: 3

Cumulative Amendment Amount: \$307,400

Describe all amendments :

Revised Contract Amount: \$1,191,900

Amendment # 1, 12/9/14, an increase of \$97,400 was approved for additional design services as required to design, document, and specify remaining air handling units (AHU's) for shell space, fit up of additional temporary office space on the 12th floor of Pavilion A, additional negative pressure rooms, and any necessary changes to the roof structure to support mechanical equipment for these rooms. Amendment 2, 4/14/15, an increase of \$101,500 was approved to provide design and construction administration services necessary to route the glycol line to the Data Center. No amendments this quarter.

Contractor: Turner Construction Co. Note: This is a 'CM-At-Risk' contract. The amount will be increased as subcontracts are bid and added. Turner's contract was awarded by RFP process.

Contract # 7500038892

Original Contract Amount: \$36,258,413

Total Change Orders to Date: 39

Cumulative Change Order Amount: \$613,619

Low Bid:

Revised Contract Amount: \$36,872,032

High Bid:

Contract Percent Complete: 73%

Number of Bids:

Describe all change orders greater than \$25,000.00:

Change Order # 1, 4/10/15, was approved for an increase of \$89,234 to provide required wall protection that was not shown on the bid documents.. Change Order # 3, 4/29/15, was approved for an increase of \$65,000 to accept the air-handling unit alternate #1, increasing the number of fans from 4 to 8. Change Order # 11, 4/29/15, was approved for an increase of \$28,881 to modify the existing ductwork at the northeast shafts on both floors to coordinate with corridor ceiling and cove lights. Change Order # 18, 6/19/15, was approved for an increase of \$35,916 to provide additional power and data for two additional pneumatic tube blowers. Change Order # 20, 6/23/15, was approved for an increase of \$29,604 to install plumbing cleanouts "test tees" to each vent riser on the 10th and 11th floors. Change Order # 27, 7/8/15, was approved for an increase of \$164,871 to provide additional power feeds, an additional VFD, along with additional circuit breakers, disconnects, wiring, controls, and programming to the four AHU's in order to power additional supply and return fans. Change Order # 33, 8/6/15, was approved for an increase of \$35,087 to add controls for constant volume exhaust air terminals serving restrooms, housekeeping room, etc. on the 9th and 10th floors.

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

Renovate/Upgrade UK HealthCare Facilities (Phase I-F; I-G) - MRI, Hyperbaric &

Project Number: 2402.60

Scope: \$25,376,845

Project Description:

This project will include the fit up of 15,000 SF of shell space for use as a radiology suite - to include MRI, Ultrasound, CT Scan, and support functions - as well as 875 SF of shell space for use as a hyperbaric treatment suite.

Consultant: Stengel-Hill Architecture

Contract # A151150

Total Amendments to Date:

Describe all amendments :

No amendments this quarter.

Original Contract Amount:	\$287,608
Cumulative Amendment Amount:	
Revised Contract Amount:	\$287,608

Contractor: Turner Construction Co. Note: This is a 'CM-At-Risk" contract. The amount will be increased as subcontracts are bid and added. Turner's contract was awarded by RFP process.

Contract # 7500049653

Total Change Orders to Date:

Low Bid:

High Bid:

Number of Bids:

Describe all change orders greater than \$25,000.00:

No change orders greater than \$25,000 this quarter.

Original Contract Amount:	\$6,055,389
Cumulative Change Order Amount:	
Revised Contract Amount:	\$6,055,389
Contract Percent Complete:	9%

Renovate/Upgrade UK HealthCare Facilities (Phase I-F) - Kentucky Children's

Project Number: 2402.30

Scope: \$79,314,812

Project Description:

The re-development of existing facilities in Pavilion HA is necessary for Kentucky Children's Hospital to establish a modern, state-of-the-art facility for Kentucky's pediatric healthcare needs. This space will allow for development of pediatric outpatient and family support services and will replace the outdated and undersized NICU with space consistent with today's standard of care for delivery of pediatric health care.

Consultant: GBBN Architects

Contract # A151180

Total Amendments to Date:

Describe all amendments :

No amendments this quarter.

Original Contract Amount:	\$3,648,000
Cumulative Amendment Amount:	
Revised Contract Amount:	\$3,648,000

Contractor: Turner Construction Co. Note: This is a 'CM-At-Risk" contract. The amount will be increased as subcontracts are bid and added. Turner's contract was awarded by RFP process.

Contract # 7500040310

Total Change Orders to Date:

Low Bid:

High Bid:

Number of Bids:

Describe all change orders greater than \$25,000.00:

No change orders greater than \$25,000 this quarter.

Original Contract Amount:	\$1,403,553
Cumulative Change Order Amount:	
Revised Contract Amount:	\$1,403,553
Contract Percent Complete:	19%

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

Renovate/Upgrade UK HealthCare Facilities (Phase I-F) - Kitchen/Cafeteria

Project Number: 2402.20

Scope: \$19,308,297

Project Description:

Since opening two patient care floors in Pavilion A, as well as surgery, the post-anesthesia care unit (PACU), and the emergency department (ED), the patient and visitor load has increased steadily. This volume of patients, staff, and visitors has resulted in an increasing demand for food services, which is currently served from Pavilion H. This project will help alleviate these constraints by providing a venue for patient, staff and visitor meals in Pavilion A. This modern and efficient kitchen/cafeteria will provide for the long term food service needs for Pavilion A. Also included in this project is the construction of an inpatient diagnostic department and a hyperbaric unit.

Consultant: Stengel Hill Architects

Contract # A151150

Total Amendments to Date:

Describe all amendments :

No amendments this quarter.

Original Contract Amount:	\$1,361,379
Cumulative Amendment Amount:	
Revised Contract Amount:	\$1,361,379

Contractor: Turner Construction Co.

Note: This is a 'CM-At-Risk' contract. The amount will be increased as subcontracts are bid and added. Turner's contract was awarded by RFP process.

Contract # 7500040299

Total Change Orders to Date: 7

Low Bid:

High Bid:

Number of Bids:

Original Contract Amount:	\$12,984,678
Cumulative Change Order Amount:	\$169,157
Revised Contract Amount:	\$13,153,835
Contract Percent Complete:	14%

Describe all change orders greater than \$25,000.00:

Change Order # 1, 7/17/15, was approved for an increase of \$47,732 to provide and install fourteen additional floor sinks in the kitchen as per the final coordinated kitchen equipment design. Change Order # 5, 9/9/15, was approved for an increase of \$40,076 to provide additional general condition items including thirty five dumpster hauls, furnish of a lull, a yard boss, and a scaffold for one month. Change Order # 7, 9/17/15, was approved for an increase of \$66,959 to provide additional water and gas piping to food service equipment as per the final coordinated kitchen equipment design.

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

Renovate/Upgrade UK HealthCare Facilities (Phase I-F) - Pavilion A Chiller

Project Number: 2402.40

Scope: \$4,685,000

Project Description:

The fit-out of additional areas in Pavilion A will cause the space cooling demand to increase to a point where an additional chiller will be required to be purchased and installed. This chiller will be located in the Central Utility Plant and will supply the campus loop, which in turn supplies the hospital with chilled water for cooling.

Consultant: Staggs & Fisher Consulting Engineers, Inc.

Contract # A151200

Total Amendments to Date:

Describe all amendments :

No amendments this quarter.

Original Contract Amount:	\$240,000
Cumulative Amendment Amount:	
Revised Contract Amount:	\$240,000

Contractor: Blau Mechanical

Contract # 7500057406

Total Change Orders to Date:

Low Bid: \$3,644,000

High Bid: \$5,322,400

Number of Bids: 3

Describe all change orders greater than \$25,000.00:

No change orders greater than \$25,000 this quarter.

Original Contract Amount:	\$1,644,654
Cumulative Change Order Amount:	
Revised Contract Amount:	\$1,644,654
Contract Percent Complete:	

Renovate/Upgrade UK Healthcare Facilities (Phase I-G) - (11th Floor)

Project Number: 2402.80

Scope: \$37,053,500

Project Description:

This project will fit-out patient floor eleven (11) in Pavilion A. This will include 64 patient rooms; 24 ICU plus 40 acute rooms with all staff support and ancillary spaces to provide a fully functioning patient floor. The 11th floor is programmed to be a cancer treatment floor.

Consultant: GBBN Architects, Inc.

Contract # A151240

Total Amendments to Date:

Describe all amendments :

No amendments this quarter.

Original Contract Amount:	\$798,000
Cumulative Amendment Amount:	
Revised Contract Amount:	\$798,000

Contractor: Turner Construction Co. Note: This is a 'CM-At-Risk' contract. The amount will be increased as subcontracts are bid and added. Turner's contract was awarded by RFP process.

Contract # 7500049655

Total Change Orders to Date:

Low Bid:

High Bid:

Number of Bids:

Describe all change orders greater than \$25,000.00:

No change orders greater than \$25,000 this quarter.

Original Contract Amount:	\$1,389,393
Cumulative Change Order Amount:	
Revised Contract Amount:	\$1,389,393
Contract Percent Complete:	

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

Renovate/Upgrade UK Healthcare Facilities (Phase I-G) - (Pavilion A - Surgery Phase)

Project Number: 2402.70

Scope: \$16,581,600

Project Description:

This project will fit-out 10,200 SF of shell space on the 2nd floor of Pavilion A to expand the existing Surgery Department. This will include 5 ORs, a Hybrid OR, and support spaces.

Consultant: Artekna Design

Contract # A151260

Total Amendments to Date:

Describe all amendments :

No amendments this quarter.

Original Contract Amount:	\$361,875
Cumulative Amendment Amount:	
Revised Contract Amount:	\$361,875

Contractor: Turner Construction Co. Note: This is a 'CM-At-Risk" contract. The amount will be increased as subcontracts are bid and added. Turner's contract was awarded by RFP process.

Contract # 7500049654

Total Change Orders to Date:

Low Bid:

High Bid:

Number of Bids:

Describe all change orders greater than \$25,000.00:

No change orders greater than \$25,000 this quarter.

Original Contract Amount:	\$615,655
Cumulative Change Order Amount:	
Revised Contract Amount:	\$615,655
Contract Percent Complete:	

Renovate/Upgrade UK HealthCare Facilities (Phase IG) - Blood Bank

Project Number: 2402.50

Scope: \$8,717,800

Project Description:

This project will fit-up 2,300 SF of shell space on the 3rd floor of the Pavilion A for use as a blood bank.

Consultant: Stengel Hill Architecture

Contract # A161090

Total Amendments to Date:

Describe all amendments :

No amendments this quarter.

Original Contract Amount:	\$239,000
Cumulative Amendment Amount:	
Revised Contract Amount:	\$239,000

Contractor: Turner Construction Co. Note: This is a 'CM-At-Risk" contract. The amount will be increased as subcontracts are bid and added. Turner's contract was awarded by RFP process.

Contract # 7500049652

Total Change Orders to Date:

Low Bid:

High Bid:

Number of Bids:

Describe all change orders greater than \$25,000.00:

No change orders greater than \$25,000 this quarter.

Original Contract Amount:	\$81,567
Cumulative Change Order Amount:	
Revised Contract Amount:	\$81,567
Contract Percent Complete:	

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

Repair, Upgrade or Improve Building Mechanical Systems - F. Paul Anderson Tower

Project Number: 2415.00

Scope: \$700,000

Project Description:

This capital project will replace and upgrade a three-elevator system in the F. Paul Anderson Tower (Anderson Tower). The elevators, original to the building, have had only one minor upgrade since the building's construction in 1966. The capital project will add emergency power and replace the existing machines, cables, controls, doors and the interiors. The replacement and upgrade of this mechanical system is necessary to meet current codes and safety requirements as the system has outlived its useful life.

Consultant: UK Physical Plant Division

Contract #

Total Amendments to Date:

Describe all amendments :

Not Applicable.

Original Contract Amount:

Cumulative Amendment Amount:

Revised Contract Amount:

Contractor: DC Elevator Co., Inc

Contract # 4300130338

Total Change Orders to Date:

Low Bid: \$598,000

High Bid: \$598,000

Number of Bids: 1

Original Contract Amount:

\$598,000

Cumulative Change Order Amount:

Revised Contract Amount:

\$598,000

Contract Percent Complete:

100%

Describe all change orders greater than \$25,000.00:

No change orders greater than \$25,000 this quarter.

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

Repair, Upgrade, or Improve Building Mechanical Systems - Fine Arts Building

Project Number: 2382.0

Scope: \$3,428,000

Project Description:

This project will replace and upgrade major mechanical systems in the Fine Arts Building which includes replacement/upgrade of the air handling units and associated temperature controls, exhaust fans, and the reheat coils serving the north wing. The replacement and upgrade of these mechanical systems will improve the comfort and energy efficiency of the areas served and also improve indoor air quality as the existing supply and return duct systems will be cleaned. The work will be phased to complete as much of the work as possible during the summer and off peak times to minimize the impact to students, faculty, and staff.

Consultant: CMTA Consulting Engineers

Contract #	A141140	Original Contract Amount:	\$153,110
Total Amendments to Date:	1	Cumulative Amendment Amount:	\$85,300
Describe all Amendments:		Revised Contract Amount:	\$238,410

Amendment # 1, 12/9/14, an increase of \$85,300 was approved to provide full design for the second phase of this project to include design, bidding, and construction administration services. **No amendments this quarter.**

Contractor Phase 1: Eubank & Steele Construction Co.

Contract #	7500031222	Original Contract Amount:	\$1,670,350
Total Change Orders to Date:	19	Cumulative Change Order Amount:	\$149,025
Low Bid:	\$1,670,350	Revised Contract Amount:	\$1,819,375
High Bid:	\$1,724,526	Contract % complete:	100%
Number of Bids:	3		

Describe all change orders greater than \$25,000.00:

No change orders greater than \$25,000 this quarter.

Contractor Phase 2: Eubank & Steele Construction Co.

Contract #	7500049604	Original Contract Amount:	\$1,075,000
Total Change Orders to Date:	8	Cumulative Change Order Amount:	\$48,652
Low Bid:	\$1,075,000	Revised Contract Amount:	\$1,123,652
High Bid:	\$1,075,000	Contract % complete:	100%
Number of Bids:	1		

Describe all change orders greater than \$25,000.00:

No change orders greater than \$25,000 this quarter.

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

Repair, Upgrade, or Improve Building Shell Systems (2015 Parking Garage)

Project Number: 2420.00

Scope: \$1,000,000

Project Description:

In 2012, the University employed an engineering consultant to conduct a detailed condition assessment and structural evaluation of the campus parking structures. This project will cover the recommended maintenance and repairs for the University's eight parking structures during 2015.

Consultant: THP Limited, Inc.

Contract # A131110

Total Amendments to Date:

Describe all amendments :

No amendments this quarter.

Original Contract Amount:	\$82,360
Cumulative Amendment Amount:	
Revised Contract Amount:	\$82,360

Contractor: Carl Walker Construction, Inc.

Contract # 7500049118

Total Change Orders to Date: 1

Low Bid:

High Bid:

Number of Bids:

Describe all change orders greater than \$25,000.00:

No change orders greater than \$25,000 this quarter.

Original Contract Amount:	\$689,700
Cumulative Change Order Amount:	\$8,773
Revised Contract Amount:	\$698,473
Contract Percent Complete:	100%

Repair, Upgrade, or Improve Building Systems – UKHC (Good Samaritan Hospital)

Project Number: 2410.00

Scope: \$1,500,000

Project Description:

This project will replace a portion of the electric switchgear located in the Good Samaritan Hospital. The electric switchgear, original to the hospital building, controls the distribution of electricity throughout the facility. A portion of the switchgear is susceptible to failure and replacement is critical to ensure reliable electrical service for patient care and to meet regulatory requirements. This project also includes re-circuiting several crucial services to minimize downtime during the switchgear replacement.

Consultant: Staggs & Fisher Consulting Engineers

Contract # A161060S

Total Amendments to Date:

Describe all amendments :

No amendments this quarter.

Original Contract Amount:	\$37,000
Cumulative Amendment Amount:	
Revised Contract Amount:	\$37,000

Contractor: Ready Electric

Contract # 4300113398

Total Change Orders to Date: 1

Low Bid: \$826,198

High Bid:

Number of Bids: 3

Describe all change orders greater than \$25,000.00:

No change orders greater than \$25,000 this quarter.

Original Contract Amount:	\$1,079,558
Cumulative Change Order Amount:	\$18,986
Revised Contract Amount:	\$1,098,544
Contract Percent Complete:	60%

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

Repair, Upgrade, or Improve Building Systems – UKHC (Pavilion HA AHU #9)

Project Number: 2409.00

Scope: \$2,000,000

Project Description:

This project will replace the air handling unit (AHU) #9 in Pavilion HA of the Chandler Hospital. This AHU is 26 years old and in poor mechanical condition. Replacement of the unit is necessary to ensure air quality, meet regulatory requirements and to maintain the interior environment without temperature fluctuation.

Consultant: CMTA Engineers

Contract # A151210

Total Amendments to Date:

Describe all amendments :

No amendments this quarter.

Original Contract Amount:	\$158,750
Cumulative Amendment Amount:	
Revised Contract Amount:	\$158,750

Contractor: No construction contract awarded to date.

Contract #

Total Change Orders to Date:

Low Bid:

High Bid:

Number of Bids:

Original Contract Amount:	
Cumulative Change Order Amount:	
Revised Contract Amount:	
Contract Percent Complete:	

Describe all change orders greater than \$25,000.00:

Repair, Upgrade, or Improve Building Systems – UKHC (UKGS AHU #20 & #22)

Project Number: 2406.00

Scope: \$1,500,000

Project Description:

This project will replace the air handling units (AHU) #20 and #22 in Good Samaritan Hospital. Patient areas on the ground and first floors are heated and cooled by AHU #20, while the first floor kitchen area is serviced by AHU #22. These units are 38 years old, in poor mechanical condition, and do not provide sufficient airflow to meet current code requirements. Replacement of these AHUs is necessary to ensure patient and staff comfort, air quality and compliance with other regulatory requirements.

Consultant: CMTA Engineers

Contract # A151210

Total Amendments to Date:

Describe all amendments :

No amendments this quarter.

Original Contract Amount:	\$119,750
Cumulative Amendment Amount:	
Revised Contract Amount:	\$119,750

Contractor: No construction contract awarded to date.

Contract #

Total Change Orders to Date:

Low Bid:

High Bid:

Number of Bids:

Original Contract Amount:	
Cumulative Change Order Amount:	
Revised Contract Amount:	
Contract Percent Complete:	

Describe all change orders greater than \$25,000.00:

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

Repair, Upgrade, or Improve Civil Site Infrastructure - Cooperstown Loop Road

Project Number: 2374.00

Scope: \$2,350,000

Project Description:

As part of the Phase II-A and Phase II-B Housing projects, the Cooperstown apartments will be replaced with undergraduate student residence halls. A relocation of Cooperstown Drive is necessary to provide sufficient usable land for the proposed layout and improve traffic flow from Sports Center Drive. The relocation will be included in the update of the Campus Master Plan currently underway.

Consultant: Sherman Carter Barnhart

Contract # A141070

Total Amendments to Date: 1

Original Contract Amount: \$53,285

Cumulative Amendment Amount: \$17,718

Revised Contract Amount: \$71,003

Describe all amendments :

Amendment 1, 2/10/15, an increase of \$17,718 was approved to provide for design services related to the relocation of the Straus building occupants as well as design modifications to facilitate parking and vehicle pull-offs; also for assistance with utility easements and coordination with utility providers. **No amendments this quarter.**

Contractor: Messer Construction Co. Note: This is a 'CM-At-Risk' contract. The amount will be increased as subcontracts are bid and added. The contract was awarded by RFP process.

Contract # 7500041592

Total Change Orders to Date: 7

Low Bid:

High Bid:

Number of Bids:

Original Contract Amount: \$2,060,609

Cumulative Change Order Amount: \$27,676

Revised Contract Amount: \$2,088,285

Contract Percent Complete: 100%

Describe all change orders greater than \$25,000.00:

No change orders greater than \$25,000 this quarter.

Repair, Upgrade, or Improve Civil Site Infrastructure - Scott Street Parking Lot

Project Number: 2385.00

Scope: \$1,900,000

Project Description:

This project will construct a parking lot at 313-347 Scott Street. The project creates approximately 265 parking spaces which will offset recent north campus parking losses. This project includes the construction of the lot as well as associated site preparation including demolition and abatement of the Reynolds Warehouse #3 and four other small structures located on the site.

Consultant: Strand Associates, Inc.

Contract # A141190

Total Amendments to Date:

Describe all amendments :

No amendments this quarter.

Original Contract Amount: \$156,703

Cumulative Amendment Amount:

Revised Contract Amount: \$156,703

Contractor: Renascent, Inc.

Contract # 7500050788

Total Change Orders to Date: 4

Low Bid: \$1,175,000

High Bid: \$1,423,000

Number of Bids: 4

Original Contract Amount: \$1,175,000

Cumulative Change Order Amount: -\$17,598

Revised Contract Amount: \$1,157,402

Contract Percent Complete: 100%

Describe all change orders greater than \$25,000.00:

No change orders greater than \$25,000 this quarter.

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

Repair, Upgrade or Improve Civil Site Infrastructure - South Campus Parking Lot

Project Number: 2422.00

Scope: \$1,800,000

Project Description:

In December 2013, the Board of Trustees authorized the Repair/Upgrade/Improve Civil/Site Infrastructure (South Campus Parking Lot) capital project which created 411 spaces. This expansion to the recently constructed parking lot south of the E.S. Good Barn will create approximately 430 additional parking spaces. These additional spaces are needed to offset parking losses associated with the Commonwealth Stadium expansion and allow for parking along the University Drive transit corridor.

Consultant: Bell Engineering

Contract # A151220

Total Amendments to Date:

Describe all amendments :

No amendments this quarter.

Original Contract Amount: \$126,304

Cumulative Amendment Amount:

Revised Contract Amount: \$126,304

Contractor: L-M Asphalt Partners, Ltd. dba ATS Construction

Contract # 7500051533

Total Change Orders to Date: 2

Low Bid: \$1,185,450

High Bid: \$1,792,000

Number of Bids: 3

Describe all change orders greater than \$25,000.00:

No change orders greater than \$25,000 this quarter.

Original Contract Amount: \$1,185,450

Cumulative Change Order Amount: \$22,234

Revised Contract Amount: \$1,207,684

Contract Percent Complete: 95%

Repair, Upgrade or Improve Electrical Infrastructure (Student Housing Project

Project Number: 2432.00

Scope: \$900,000

Project Description:

This project will upgrade and improve the electrical infrastructure for all components of Student Housing Phase III, by providing 12KV electrical service from two substations to improve reliability and redundancy. The project will include installation of a pad-mounted switch between the two building sites and electrical duct banks to each building transformer. This switch will be powered from the University Utility Substation #3 as the primary source and Utility Substation #1 as the secondary source for backup and load sharing.

Consultant: Staggs & Fisher

Contract # A161080

Total Amendments to Date:

Describe all amendments :

No amendments this quarter.

Original Contract Amount: \$68,000

Cumulative Amendment Amount:

Revised Contract Amount: \$68,000

Contractor: No construction contract awarded to date.

Contract #

Total Change Orders to Date:

Low Bid:

High Bid:

Number of Bids:

Describe all change orders greater than \$25,000.00:

Original Contract Amount:

Cumulative Change Order Amount:

Revised Contract Amount:

Contract Percent Complete:

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

Upgrade/Expand Commonwealth Stadium

Project Number: 2362.00

Scope: \$126,500,000

Project Description:

The existing stadium, built in 1973, needs upgrades and expansion to better accommodate the students, fans and players. The project will provide new premium seating with revenue generating opportunities, improving the overall operational effectiveness and enhancing the fan experience as well as allowing UK to attract the best student-athletes to the campus. Among the planned improvements are many spectator driven improvements (improved concessions, restrooms and security), a new multipurpose recruiting room, 16-20 new private suites, new home team locker room, approximately 2,000 new club seats, three new club spaces, new press facilities and a new full-service kitchen.

Consultant: Ross Tarrant Architects

Contract # A131170

Total Amendments to Date: 3

Original Contract Amount: \$8,367,464

Cumulative Amendment Amount: \$996,704

Revised Contract Amount: \$9,364,168

Describe all amendments :

Amendment 1, 11/12/13, an increase of \$368,952 was approved for additional design services as required for expanded way finding and graphic design services, incorporation of the University electronic security initiatives, and production of an additional design package to allow for accelerated steel purchase. **Amendment # 2**, 12/9/14, an increase of \$103,676 was approved for multiple additional services including renderings, special inspections, correction of existing structural deficiencies, redesign of camera deck, coordination with new food service vendor, unforeseen subsurface conditions, design of temporary bus shelters and access roads to accommodate construction, coordination with artificial turf contractor and to reconcile contract allowances. **Amendment 3**, 5/12/15, an increase of \$524,076 was approved to provide additional graphic design services, design and construction for the Stadium Pavilion, further concession stand development, additional design to support the video control and tv distribution associated with the new SEC network operations, expanded fire proofing, additional painting in existing areas of the stadium, modification of the east end zone perimeter wall, support of the Alumni Drive upgrade, modification of parking lots and game day amenities, additional design services associated with the deterioration of existing concrete masonry (CMU) walls, and an allowance reconciliation for "special inspections". **No amendments this quarter.**

Contractor: Skanska/Congleton-Hacker Joint Venture

Note: This is a "CM-At-Risk" contract. The amount will be increased as subcontracts are bid and added. The contract was awarded by RFP process

Contract # 7500019555

Total Change Orders to Date: 335

Low Bid:

High Bid:

Number of Bids:

Original Contract Amount: \$107,785,957

Cumulative Change Order Amount: \$4,432,944

Revised Contract Amount: \$112,218,901

Contract Percent Complete: 99%

Describe all change orders greater than \$25,000.00:

Change Order # 7, 3/26/14, was approved for an increase of \$48,873 to compile and report the final calculations required to incorporate the final structural steel design and associated pricing into the contract as well as include the new north light racks in this package. **Change Order # 8**, 3/27/14, was approved for an increase of \$27,922 to furnish material and labor for the removal of fractured rock interfering with new footings on the north side of the stadium. **Change Order # 11**, 4/24/14, was approved for a decrease of \$28,916 to provide an alternate pathway for the new gas line east of the Field House allowing for ease of installation. **Change Order # 16**, 5/21/14, was approved for a decrease of \$29,360 to provide a credit associated with the revision of the TV truck area to have a portion of heavy duty concrete replaced with heavy duty asphalt as a value engineering option. **Change Order # 17**, 5/21/14, was approved for an increase of \$32,746 to modify the construction fencing to accommodate the expanded job site as the semester has ended and allow for convenient and safe fan access to the stadium during events throughout the remaining construction period. **Change Order # 18**, 5/30/14, was approved for \$28,950 to remove an existing underground duct in conflict with new building pad and loading dock, as well as providing temporary service to the affected bus stop and site lighting. **Change Order # 20**, 5/30/14, was approved for \$48,248 to complete the necessary mechanical, electrical and plumbing (MEP) work in the AV/Telecomm Room 176B (Cross Connect Room) allowing the room to be activated prior to the 2014 football season to support television broadcast. **Change Order # 39**, 8/18/14, was approved for a decrease of \$28,897 to provide a credit to the project for donated stone. **Change Order # 47**, 8/26/14, was approved for a decrease of \$292,615 to provide credit savings associated with use of core filled insulated concrete masonry units (CMU) in lieu of insulated concrete masonry units (ICMU). **Change Order # 53**, 8/29/14, was approved for a decrease of \$126,857 to provide a credit for the removal of the duct cleaning requirements as it is

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

believed the final duct cleaning necessary will be minimal. **Change Order # 54**, 8/29/14, was approved for an increase of \$27,794 to furnish the labor and material to bring the area where the President's Room was demolished to a condition it can safely be entered by game day patrons. **Change Order # 60**, 9/19/14, was approved for a decrease of \$144,744 to provide a credit for removing all hydraulic bollards with associated hydraulic lines, hydraulic pumps, and supporting infrastructure from the project. Eight stainless steel, removable CalPipe bollards will be used instead. **Change Order # 62**, 10/6/14, was approved for an increase of \$88,409 to remove fractured rock interfering with the new footings on the north side of the stadium. **Change Order # 63**, 10/6/14, was approved for a decrease of \$47,899 to provide a monetary credit for concrete donated to the project. **Change Order # 67**, 10/16/14, was approved for an increase of \$29,486 to modify and adjust the south field lighting system to allow for use of the existing lights rather than rental of field lighting for the 2014 season. **Change Order # 83**, 11/6/14, was approved for an increase of \$378,666 to alter and refine the structural steel design to include an additional 76.7 tons of steel. Due to the fast track design approach required to meet the schedule requirements the steel package was bid prior to the completion of the final structural design. **Change Order # 85**, 11/6/14, was approved for an increase of \$117,695 to add eleven roof hatches and ten ladders to allow for safe access to the mechanical equipment on the roofs of the concession stands. **Change Order # 90**, 12/5/14, was approved for an increase of \$29,623 to revise the window washing tie-back davits locations and details to accommodate efficient and safe window cleaning. **Change Order # 92**, 12/21/14, was approved for an increase of \$26,400 to replace the double door, door frame, and hardware to electrical room 172. **Change Order # 95**, 12/21/14, was approved for an increase of \$27,983 to remove the three south temporary lights at the south side upper bowl. **Change Order # 97**, 12/21/14, was approved for an increase of \$41,082 to modify the domestic water piping throughout the stadium to allow a complete draining of the stadium followed by a refilling of those areas that will remain in service during the winter months. **Change Order # 106**, 1/15/15, was approved for an increase of \$126,162 to provide labor and material to provide a temporary weather barrier and temporary heat on both the suite and press levels of the south superstructure. **Change Order # 107**, 1/15/15, was approved for an increase of \$29,030 to furnish the labor, equipment, and material to remove and replace existing sanitary sewer mains in five locations within the stadium that have been determined to be deteriorated and partially clogged. **Change Order # 112**, 1/26/15, was approved for an increase of \$45,303 to provide adjustments to delete portions of the backlighting of the aluminum fins and add conduits and cabling due to revisions to the telecommunications and audio visual pathways for the project. **Change Order # 119**, 2/4/15, was approved for an increase of \$38,301 to revise the case work, architectural details, electrical systems, plumbing design, and food service walls for each of the concession stands, the loft club, and the suite level due to the University's new contract with an alternate concessionaire. **Change Order # 121**, 3/1/15, was approved for an increase of \$31,760 to relocate domestic water feeds to the four existing women's restrooms in the corners of the facility due to conflict and line deterioration. **Change Order # 122**, 3/1/15, was approved for an increase of \$58,492 to remove all portions of the upper concourse area drainage piping in twelve locations due to degraded piping. **Change Order # 128**, 3/1/15, was approved for an increase of \$35,771 to enclose an emergency generator room larger than originally anticipated. Work includes excavation and placement of foundations, concrete masonry walls, bar joists, roof decking, doors and frame, and painting of all new surfaces. **Change Order # 129**, 3/1/15, was approved for an increase of \$72,834 to extend new sanitary lines to the existing bus stop on the southeast corner of the stadium. **Change Order # 132**, 3/12/15, was approved for an increase of \$37,154 to replace the existing sanitary mains in three additional locations of the stadium. **Change Order # 133**, 3/12/15, was approved for an increase of \$55,127 to run domestic waterline and conduit for data connections for the Stadium Pavilion on the southwest corner. **Change Order # 137**, 3/16/15, was approved for a decrease of \$27,563 to furnish a credit for revision of the floor finishes to the Loft Club #1M66, Loge Club, and Premium Suites. **Change Order # 139**, 3/24/15, was approved for an increase of \$82,497 to modify the Loge seating area to include power receptacles for the TV units as well as convenience power with USB charging capability for patrons. **Change Order # 121**, 3/1/15, was approved for an increase of \$31,760 to replace deteriorated existing domestic water lines that serve the four women's restrooms. **Change Order # 129**, 3/1/15, was approved for an increase of \$72,834 to re-route the sanitary lines as necessary due to construction associated with Alumni Drive and the Football Training Center. **Change Order # 132**, 3/12/15, was approved for an increase of \$37,154 to replace the existing sanitary mains in three locations due to degradation of the existing piping. **Change Order # 133**, 3/12/15, was approved for an increase of \$55,127 to run domestic waterline and conduit for data connections to the Pavilion site on the southwest corner of the stadium. **Change Order # 137**, 3/16/15, was approved for a decrease of \$27,563 to furnish a value engineering credit for the revision of the floor finishes of Loft Club, Loge Club, and Premium Suites due to a switch to carpet tile, allowing for ease of maintenance and replacement. **Change Order # 150**, 4/3/15, was approved for a decrease of \$127,915 to furnish a value engineering credit for the deletion of the suspended acoustical above ceiling panel system in the Coaches Club and the Loft Club. The Tectum sound absorbing units were not required to obtain acoustical standards for the spaces occupied. **Change Order # 151**, 4/3/15, was approved for a decrease of \$58,875 to furnish a value engineering credit for the deletion of the high performance painting finish of the field side of the glass support steel framework. **Change Order # 152**, 4/3/15, was approved for an increase of \$53,471 to demolish and haul off a concealed corrugated metal deck system attached to the bottom side of the structure above the existing press level. **Change Order # 181**, 5/18/15, was approved for an increase of \$94,734 to install the roof column flashing at the north and south sideline main

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

concourse and upper concourse roofs as required to accommodate various existing conditions. **Change Order # 183**, 5/18/15, was approved for an increase of \$213,007 to install all necessary electrical and communication connections to graphic elements in the stadium. The graphic package was not completed when bids were accepted. **Change Order # 184**, 5/18/15, was approved for an increase of \$51,440 to modify the sanitary piping layout in the southeast parking lot due to a conflict with an existing ductbank and the new ductbank elevations. **Change Order # 185**, 5/18/15, was approved for an increase of \$32,079 to modify and reconnect the existing precast panels removed in Design Release 1 to both the east and west end of the existing upper bowl adjacent to column lines 30 and 49. **Change Order # 214**, 6/20/15, was approved for an increase of \$93,805 to make structural repairs to 38 existing precast rakers on the south and north sidelines that had become or are in the process of becoming detached from the supporting haunches that connect the upper ends of same to the columns. **Change Order # 234**, 6/30/15, was approved for an increase of \$52,924 to modify eight vomitories on the south side of the stadium to allow adequate head room. **Change Order # 236**, 7/1/15, was approved for an increase of \$77,817 to add waterproofing to the portion of the south upper bowl over both the enclosed and open air portions of the Loge Club. **Change Order # 246**, 7/9/15, was approved for an increase of \$29,945 to replace existing asphalt and concourse drains for the North Concourse area adjacent to the ramps. **Change Order # 263**, 7/24/15, was approved for an increase of \$38,704 to furnish the labor and material of the steel edge angle to terminate insulated metal panels. **Change Order # 267**, 7/24/15, was approved for an increase of \$33,775 to provide additional communications and electrical outlets, installation of additional accent lighting, and installation of Lutron lighting control system in the Founder's Suite. **Change Order # 268**, 7/24/15, was approved for an increase of \$31,270 to replace the field goal net support system to both the east and west end zones. **Change Order # 270**, 7/28/15, was approved for an increase of \$34,523 to revise architectural, audio-visual, communications, power, and mechanical requirements at the Press Level in order to improve operations. **Change Order # 278**, 8/12/15, was approved for an increase of \$30,665 to install drain down pits and blow down valves to allow the kitchen to remain active during winterization. **Change Order # 302**, 8/20/15, was approved for an increase of \$86,687 to resurface the southwest quadrant of the Blue Lot parking surface due to degradation caused by construction traffic thru the area. **Change Order # 303**, 8/20/15, was approved for an increase of \$54,446 to provide foundations suitable to support the now fully developed and detailed gate signage. **Change Order # 330**, 8/28/15, was approved for an increase of \$37,311 to add a plaster soffit at the top of the metal panels at the south sideline stair towers.

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

Upgrade/Relocate Pediatric Critical Care Unit

Project Number: 2369.00

Project Description:

Scope: \$6,000,000

The project will renovate existing space of the KY Children's Hospital Acute Care Unit in Pavilion HA. The work implements contemporary pediatric design concepts, interior finish upgrades including flooring, wall reconfigurations, ceiling and lighting. The project includes all patient, public and staff spaces such as patient rooms, patient bathrooms, team work areas and corridors. The implementation of this project is dependent upon private donations. Preliminary designs and related renderings will assist the University in fundraising efforts.

Consultant: Moody Nolan

Contract # A141080

Original Contract Amount: \$88,233

Total Amendments to Date: 3

Cumulative Amendment Amount: \$270,067

Describe all amendments :

Revised Contract Amount: \$358,300

Amendment 1, 7/8/14, an increase of \$25,080 was approved for additional design services to provide design development and rendering development for Zones 1, 4 and 7 to be used for fundraising. Also included is bidding and construction services for Phase 1 Zones 3, 5 and 2 rooms of Zone 6. **Amendment 2, 9/9/14,** an increase of \$44,150 was approved for additional design services as required to provide bid documents and construction services for the front desk and 3200 square feet of the outpatient center located in areas 2 & 5 in Phase II. **Amendment 3, 4/14/15, an increase of \$200,837 was approved to provide design and construction administration services for the east wing portion of the project, and the remainder of the west wing portion (Zones 1, 2 & 4). Project is being completed in zones as funding is available.**

Contractor: Turner Construction Co.

Contract # 7500034267

Original Contract Amount: \$699,999

Total Change Orders to Date: 12

Cumulative Change Order Amount: \$153,862

Low Bid: \$699,999

Revised Contract Amount: \$853,861

High Bid: \$1,086,580

Contract Percent Complete: 100%

Number of Bids: 3

Describe all change orders greater than \$25,000.00:

Change Order # 1, 8/15/14, was approved for an increase of \$115,815 to add additional areas for renovation to the current phase of construction resulting in future savings in time and cost and preventing a future closure of the corridor serving the rooms. **No change orders greater than \$25,000 this quarter.**