## FCR 7

Office of the President September 11, 2015

Members, Board of Trustees:

#### CAPITAL CONSTRUCTION REPORT

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

<u>Background</u>: 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 April 1, 2015 thru June 30, 2015:

#### There were eighteen new contracts this quarter:

| Project 2382.0 | Repair/Upgrade/Improve Building Mechanical Systems – Fine Arts            |
|----------------|---|
|                | Building Phase II   |
|                | - Eubank and Steele Construction Co., \$1,075,000 ( <i>Construction</i> ) |
| Project 2385.0 | Repair/Upgrade/Improve Civil Site Infrastructure–Scott Street Parking Lot |
|                | - Renascent Inc., \$1,175,000 (Construction)                              |
| Project 2395.0 | Construct/Expand/Renovate Ambulatory Care Facility – Kentucky Clinic      |
|                | Med Plaza 2 <sup>nd</sup> Floor and Urology Clinic                        |
|                | - JRA Architects, \$254,144 (Design)                                      |
| Project 2412.0 | Improve/Upgrade Alumni Drive  |
|                | - Bluegrass Contracting Corporation, \$5,404,487 (Construction)           |
| Project 2422.0 | Repair/Upgrade/Improve Civil Site Infrastructure – South Campus           |
|                | Parking Lot Expansion   |
|                | - Bell Engineering, \$126,304 (Design)                                    |
|                | - ATS Construction, \$1,185,450 ( <i>Construction</i> )                   |
| Project 2426.0 | Construct/Replace/Upgrade Student Housing - Fit-up Creative Arts in       |
| ·              | Limestone Park I  |
|                | - Sherman Carter Barnhart, \$200,520 (Design)                             |

| Project 2436.0 | Renovate Academic/Administrative Space 4 - Anderson Hall           |
|----------------|--|
| -              | - BCD Inc., \$535,800 (Construction)                               |
| Project 2401.0 | Renovate Soccer/Softball Locker Room                               |
|                | - Olympic Construction, \$1,586,198 (Construction)                 |
| Project 2402.4 | Renovate/Upgrade UK HealthCare Facilities – Pavilion A Chiller     |
|                | - Staggs & Fisher, \$240,000 ( <i>Design</i> )                     |
| Project 2402.5 | Renovate/Upgrade UK HealthCare Facilities – Blood Bank             |
|                | - Stengel Hill Architecture, \$30,000 (Design)                     |
|                | - Turner Construction Co., \$81,567 (Construction)                 |
| Project 2402.6 | Renovate/Upgrade UK HealthCare Facilities – MRI, Hyperbaric &      |
|                | Radiology  |
|                | - Stengel Hill Architecture, \$287,608 (Design)                    |
|                | - Turner Construction Co., \$254,392 (Construction)                |
| Project 2402.8 | Renovate/Upgrade UK HealthCare Facilities – 11 <sup>th</sup> Floor |
|                | - GBBN Architects, \$798,000 (Design)                              |
|                | - Turner Construction Co., \$1,389,393 (Construction)              |
| Project 2406.0 | Repair/Upgrade/Improve Building Systems – UK HealthCare (UKGS      |
|                | AHU #20 & #22)   |
|                | - CMTA Consulting Engineers, \$119,750 (Design)                    |
| Project 2409.0 | Repair/Upgrade/Improve Building Systems - UK HealthCare (Pavilion  |
|                | HA AHU Unit #9)  |
|                | - CMTA Consulting Engineers \$158,750 (Design)                     |
|                |  |

#### Five contracts were completed this quarter:

| Project 2339.0 | Renovate Academic Facility – University Lofts Facility              |
|----------------|---|
|                | - D.W. Wilburn, Inc., \$13,001,853                                  |
| Project 2369.0 | Upgrade/Relocate Pediatric Critical Care Unit                       |
|                | - Turner Construction Co., \$853,861                                |
| Project 2379.0 | Emergency Replacement of Woodford County Feed Mill                  |
|                | - Denham-Blythe Co., \$4,305,901                                    |
| Project 2408.0 | Renovate Academic/Administrative Space 5 – Employee Wellness Center |
|                | - Wehr Constructors, \$1,717,958                                    |
| Project 2411.0 | Upgrade/Renovate Space in Multi-Disciplinary Science Building       |
|                | - Marilia Design & Construction, \$2,034,092                        |

#### Nine amendments were as follows:

| Project 2345.0 | <ul> <li>Renovate/Expand Gatton Building</li> <li>Provide design services for the internet protocol television (IPTV) system and revisions to the audiovisual systems in various areas. (+) \$26,040</li> </ul>   |
|----------------|---|
| Project 2362.0 | <ul> <li>Upgrade/Expand Commonwealth Stadium</li> <li>Provide multiple additional design services including graphic design services, design and administration of the Stadium Pavilion, further concession stand development, additional audiovisual services,</li> </ul> |

|                    | expanded fire proofing, additional painting, modification of the perimeter wall, support for the Alumni Drive upgrade, modification of parking lots and game day amenities, and an allowance reconciliation for "special inspections". (+) \$524,076   |
|--------------------|--|
| Project 2363.0     | <ul> <li>Construct Academic Science Building</li> <li>Provide 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. (+) \$751,250</li> </ul> |
| Project 2369.0     | Upgrade/Relocate Pediatric Critical Care Unit  |
| ,                  | - 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). (+) \$200,837   |
| Project 2394.0     | Renovate/Upgrade Hospital Facilities - Good Samaritan Emergency  |
|                    | Department   |
|                    | - Provide additional design and construction administration services required to complete construction phases three through eight of the project and to add an additional 1,500 square feet of the existing laboratory. (+) \$287,500  |
| Project 2401.0     | Renovate Soccer/Softball Locker Room   |
|                    | - Provide for "special inspections", fire protection flow test, and plan review fees. (+) \$12,000   |
| Project 2402.1     | Renovate/Upgrade UK HealthCare Facilities – Pavilion A 9 <sup>th</sup> & 10 <sup>th</sup> Floors and Elevators   |
|                    | - Provide design and construction administration services necessary to route the glycol line to the Data Center. (+) \$101,500   |
| Project 2408.0     | Renovate Academic/Administrative Space 5 – Employee Wellness Center  |
|                    | - Provide for structural tests and special inspection services. (+) 9,000  |
| Project 2417.0     | Renovate/Upgrade Academic Space - Patterson Hall   |
|                    | - Provide for additional consulting services required due to increase in project scope, added programming, conceptual building and landscape plans for a future addition to the Blazer Hall side of the building, and  |
|                    | renderings. (+) \$229,600  |
| Fifty change order | rs greater than \$25,000 were as follows:  |

Project 2336.0 Construct UK/Nicholasville Road Flood Mitigation
Excavate rock on each side of the existing Kentucky American Water Company water line by hand method in lieu of the use of a mechanical hoe ram. (+) \$41,095

| Project 2345.0  | Renovate/Expand Gatton Building   |
|-----------------|---|
| 110,000 20 1010 | <ul> <li>Provide for a new selection of granite stair treads for the social stair as salvaged granite is unsuitable for use in this application. (+) \$54,946</li> </ul>  |
|                 | - Add an additional layer of plywood at the classroom tiers and modify the risers due to constraints with fixed table manufacturer mounting   |
|                 | requirements. (+) \$32,343  |
|                 | <ul> <li>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 two of the project.</li> <li>(+) \$140,180</li> </ul> |
|                 | <ul> <li>Provide materials needed to structurally modify and safely anchor the atrium catwalk and fall arrest system on the north side of the atrium.</li> <li>(+) \$27,590</li> </ul>  |
|                 | - Provide a system of temporary partitions, signage, and alarms necessary to ensure the conditions for proper separation during phased construction. (+) \$192,325  |
|                 | <ul> <li>Provide additional power and data receptacles in the IT suite and<br/>Room 337C necessary to support the equipment to be used in the<br/>space.</li> </ul>   |
|                 | (+) \$54,765<br>Modify openings and install six hollow metal door frames at Stairs P  |
|                 | <ul> <li>Modify openings and install six hollow metal door frames at Stairs B</li> <li>&amp; C in plan area A at the 2nd, 3rd, &amp; 4th floor locations to accommodate new door widths. (+) \$38,217</li> </ul>                                      |
|                 | - Add pathways and infrastructure required for audiovisual equipment in meeting room 132F. (+) \$25,351   |
|                 | - 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. (+) \$39,289   |
| Project 2362.0  | Upgrade/Expand Commonwealth Stadium   |
|                 | - Replace deteriorated existing domestic water lines that serve the four women's restrooms. (+) \$31,760  |
|                 | - Replace existing upper concourse area drainage piping in twelve locations due to degradation of the piping. (+) \$58,492  |
|                 | <ul> <li>Provide a larger structure to house the emergency generator due to larger transfer switch equipment than originally anticipated.</li> <li>(+) \$35,771</li> </ul>  |
|                 | - Re-route the sanitary lines as necessary due to construction associated   |
|                 | with Alumni Drive and the Football Training Center. (+) \$72,834  |
|                 | - Replace the existing sanitary mains in three locations due to degradation of the existing piping. (+) \$37,154  |
|                 | <ul> <li>Run domestic waterline and conduit for data connections the Pavilion site on the southwest corner of the stadium. (+) \$55,127</li> </ul>  |
|                 | <ul> <li>Furnish a value engineering credit for the revision of the floor finishes</li> </ul>   |

- 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. (-) \$27,563

- Modify the Loge seating area allowing each patron access to power and communications outlets for the use of modern electronic equipment.

(+) \$82,497

- Provide the power requirements for the four wheelchair lifts in the Loge Club. (+) \$26,801
- 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. (-) \$127,915
- Furnish a value engineering credit for the deletion of the high performance painting finish of the field side of the glass support steel framework. (-) \$58,875
- Demolish and haul off a concealed corrugated metal deck system attached to the bottom side of the structure above the existing press level. (+) 53,471
- Install tombstone style electrical receptacle pedestals in lieu of horizontal installations in all areas open to the weather. These prevent exterior moisture and potential spillage from entering the outlets.
   (+) \$44,202
- Modify the precast to allow for the necessary expansion capability along the north and south sidelines. (+) \$137,200
- Relocate the existing Daktronics control room to room 144 allowing for an expanded and enlarged control room for the broadcast facilities.
   (+) \$79,267
- Add insulation and an air barrier to the precast envelope around portions of the Loft Club. (+) \$44,657
- Install the roof column flashing at the north and south sideline main concourse and upper concourse roofs as required to accommodate various existing conditions. (+) \$94,734
- Install all necessary electrical and communication connections to graphic elements in the stadium. The graphic package was not completed when bids were accepted. (+) \$213,007
- Modify the sanitary piping layout in the southeast parking lot due to a conflict with an existing duct bank and the new duct bank elevations.
   (+) \$51,440
- 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. (+) \$32,079
- Furnish and install 18 additional TV monitor locations throughout the north and south main concourses, upper concourses, press level, and low roof areas. (+) \$31,457
- Make structural repairs to 38 existing precast rakers on the south and north sidelines that had become, or were in the process of, becoming detached from the supporting haunches that connect the upper ends of same to the columns. (+) \$93,805

|                | <ul> <li>Replace the existing feeder for irrigation pumps that was demolished due to raker removal. (+) \$51,651</li> <li>Provide the labor, equipment, fuel, and material necessary for the temporary dehumidification and heating required to dry out the North Upper Concourse to allow for continuation of construction. (+) \$35,148</li> <li>Install the required air barrier and thermal envelope at the Upper Concourse north and south sidelines. (+) \$76,887</li> <li>Modify eight vomitories on the south side of the stadium to allow adequate head room. (+) \$52,924</li> </ul>   |
|----------------|--|
| Project 2363.0 | <ul> <li>Construct Academic Science Building</li> <li>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. (-) \$76,017</li> </ul>   |
| Project 2379.0 | <ul> <li>Emergency Replacement of Woodford County Feed Mill</li> <li>Provide additional scope items such as conducting safety reviews, signage, railings, fall protection, training, additional machine guarding, added wall panels in the silo building, added crane guards, and forklift guardrails. (+) \$37,963</li> <li>Install an emergency disconnect on the mezzanine to prevent the accidental energizing of equipment while an employee is working on or inside either mixer. (+) \$29,568</li> </ul>  |
| Project 2397.0 | <ul> <li>Construct Football Training and Practice Fields</li> <li>Relocate the existing power to three manholes due to excavation associated with the project. (+) \$37,255</li> </ul>   |
| Project 2402.1 | <ul> <li>Renovate/Upgrade UK HealthCare Facilities – Pavilion A 9<sup>th</sup> &amp; 10<sup>th</sup></li> <li>Floors and Elevators</li> <li>Provide required wall protection that was not shown on the bid documents. (+) \$89,234</li> <li>Accept the air-handling unit alternate #1, increasing the number of fans from 4 to 8. (+) \$65,000</li> <li>Modify the existing ductwork at the northeast shafts on both floors to coordinate with corridor ceiling and cove lights. (+) \$28,881</li> <li>Provide additional power and data for two additional pneumatic tube blowers. (+) \$35,916</li> <li>Install plumbing cleanouts "test tees" to each vent riser on the 10th and 11th floors. (+) \$29,604</li> </ul> |
| Project 2408.0 | <ul> <li>Renovate Academic/Administrative Space – Employee Wellness Center</li> <li>Provide for acceptance of add alternates 1 &amp; 2 as listed in the bid form. Alternate 1 provides epoxy flooring in lieu of tile in the toilet and shower areas. Alternate 2 extends the exterior metal entrance canopy and structural steel. (+) \$31,670</li> <li>Provide a moisture control system on the existing concrete slab-on-grade. (+) \$35,051</li> </ul>   |

| Project 2411.0 | Upgrade/Renovate Space in Multi-Disciplinary Science Building   |  |  |
|----------------|---|--|--|
|                | - Change the swing of doors in the DRC testing room to not reduce the   |  |  |
|                | width of the corridor by more than one-half and to provide the  |  |  |
|                | required gypsum wall board patching and painting. This change was   |  |  |
|                | required per the Department of Housing, Buildings, and Constructions  |  |  |
|                | temporary certificate of occupancy letter. (+) \$49,308   |  |  |
| Project 2412.0 | Improve/Upgrade Alumni Drive  |  |  |
|                | - Provide for installation of high voltage electrical conduit under   |  |  |
|                | University Drive near the roundabout for future access to south side of   |  |  |
|                | Alumni. (+) \$25,153  |  |  |
| Project 2416.0 | Renovate/Replace Playing Field – Commonwealth Stadium   |  |  |
| U C            | - Deduct the value of the stone base from the contract due to a donation of Stone to the University. (-) \$35,022 |  |  |
|                |   |  |  |

#### 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:

**<u>Consultant</u>**: 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.

#### 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 July 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 are complete. The UKHC building installations have resumed following a revised software issuance. No significant issues associated with the software issuance and installation have been encountered to date. Substantial completion is expected by August 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:

The contractor is working through punchlist corrections.

#### **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:

Placement of caissons and grade beams is complete. Steel structural framing is complete. Concrete decking continues. Mechanical, electrical, and plumbing (MEP) began in the east academic wing. All bid packages have been successfully bid. Anticipated construction completion remains July 2016.

#### <u>Construct, Expand and Renovate Ambulatory Care Facility – Kentucky Clinic Medical Plaza Second Floor</u> <u>Medicine and Urology Clinic</u>

#### 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:

Construction Documents were delivered and reviewed in July 2015. The design team will prepare bid documents with an anticipated bid date of September 2015.

## <u>Construct, Expand & Renovate Ambulatory Care Facility – UK HealthCare (Pediatric Hematology/Oncology – Pavilion H)</u>

#### 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 on hold until design completion of the MRI, Hyperbaric, & Radiology project.

#### **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:

Construction has begun on all packages established for the project. Design Release 1 (DR1) includes utilities relocation, earth retention, building pad cut, and generator/transformer installation. Design Release 2 (DR2) includes mass earth work, foundations, steel, storm drainage and foundation water proofing. Design Release 3 (DR3) includes building elements, site development and practice fields. Ninety percent of the trade contracts are now in place with several minor packages that are being awarded by RFP remaining.

Fencing is in place and excavation is complete. Shoring of the existing Field House is 100% complete. Foundations are in place. Water proofing is progressing as the foundations are completed. Storm drainage piping is 80% complete. Mass earthwork in 75% complete in anticipation of the installation of the subbase for the practice fields beginning. The installation of the steel frame is well underway with the second floor structure in place in several areas.

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 June 2016, prior to the beginning of the 2016 football pre-season.

## <u>Construct /Replace/Upgrade Student Housing (Fit-up Creative Arts in Living Learning Program Space in Limestone Park I)</u>

#### 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 currently in design development. The project is tentatively scheduled to bid in November 2015 with construction completing in July 2016.

#### 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:

Work has focused on Area 1, directly across from the LFUCG Senior Center, to complete the relocation of the stream bed, as well as construction of the viewing platforms, walkways, and electrical service relocation. Work in Area 4 and Area 3-1 are graded out and Area 3-2 will be the focus through August 2015.

#### **Emergency Replacement of Woodford County Feed Mill**

#### Project Description:

On May 26, 2013, a fire destroyed the College of Agriculture's feed manufacturing facility located on the C.O. Little Research Center in Woodford County. This facility was used to create precise diets suitable for research for all poultry at the Coldstream Research Center and all swine and sheep at the C.O. Little Research Center. This project is for the design and reconstruction of the facility.

#### Project Status:

This project was substantially complete in May 2015.

#### 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:

Work on Alumni Drive is moving swiftly, although the rain has impacted the contractor, they have been able to shift their forces within the project to keep progress going. Seventy percent of the asphalt base pavement has been placed, and construction on the two roundabouts is ongoing. Projected completion date remains August 17, 2015.

#### **Renovate Academic Facility – University Lofts Facility**

#### **Project Description:**

This project will renovate the 110,000 gross square foot facility into classrooms, class labs/studios, office and support space for the College of Fine Arts. The improvements will also include necessary upgrades of the building systems such as communications, plumbing, HVAC, electrical, fire safety and security.

Project Status:

This project was substantially complete in May 2015.

#### Renovate Academic/Administrative Space - Employee Wellness Center

#### Project Description:

The Employee Wellness Center, currently located in the Alumni Gym, must be relocated to accommodate the planned expansion and renovation of the Student Center. A corner of the Export Building will be renovated to include approximately 6,800 square feet for the Employee Wellness Center. The space will accommodate fitness equipment, group exercise classes and provide space for locker rooms, staff offices and storage.

Project Status:

The project was substantially complete in June 2015. The new facility opened under the new name of MoveWell.

#### 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:

Construction is approximately 60% complete; all framing and conduit installation is complete, drywall hanging has begun. Substantial completion is scheduled for September 2015.

#### **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 will occur in multiple phases. Phase I will consist of construction of the new addition (February 2014 – August 2015); Phase II, which partially overlaps with Phase I, includes the renovation of the original 1963 building (May 2014 – August 2015); and Phase III will renovate the 1991 addition (August 2015 – April 2016).

Trim work and finishes are in progress. Final cleaning has been performed on the 4<sup>th</sup> floor of area A; punch inspections are being performed following final cleaning. Tiers are being constructed and finished in the area C classrooms, with floor finishes fixed tables following behind. Exterior masonry work continues and will be completed with the Phase II work. Video Corporation of America is installing A/V equipment throughout the building. Color Ad is providing graphics and wayfinding.

#### **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 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.

#### Project Status:

The construction documents phase began in May 2015 and will continue through October 2015. Early enabling bid package #1 continues with abatement, demolition and site utilities. All construction activities are on schedule for the start of the fall semester in August 2015. The overall construction activities are scheduled to be completed in December 2017.

#### Renovate/Replace Playing Field – Commonwealth Stadium

#### 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.

#### Project Status:

This project was substantially complete in June 2015.

#### **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. Site demolition and asbestos are mobilizing in early August 2015. 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 with 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:

Design development documents were approved in July 2015. The design team is working on the phasing plan for construction to allow for uninterrupted patient care. Construction documents are scheduled to be delivered to the University in October 2015.

#### 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:

Wall framing and wall rough-in is complete on the 9<sup>th</sup> floor and drywall hanging has begun. Finishes have also begun and are following drywall. This includes prime painting, ceramic tile and ceiling grid. The 10<sup>th</sup> floor work lags behind the 9<sup>th</sup> floor work. Wall framing and wall rough-in is well underway.

#### 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 schematic design phase is complete and plans have been distributed for review.

#### 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 user group has been identified and a design kick off is planned for the near future.

#### 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:* 

A user group was identified and design has progressed thru design development.

#### 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 is currently out to bid. Purchase orders for the chiller and cooling tower have been issued.

#### 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. Submittals have been received for the major equipment. Under slab rough-in is progressing in the kitchen. BIM modeling is progressing in all areas.

#### 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:* 

A user group was identified and design has progressed thru design development.

#### Repair/Upgrade/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:

Two elevators are operational and the third elevator is being dismantled.

#### Repair/Upgrade/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 3<sup>rd</sup> 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:

Sprinkler work and HVAC upgrades are in progress. The project is scheduled to be substantially complete in mid-August 2015.

#### Repair/Upgrade/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:

Concrete repairs in garage numbers 1 and 3 were staged to accommodate the parking demand for those garages. The work in garage numbers 2, 6 and 7 is being completed in the evening hours as not to disrupt daily operations. The painting in parking garage 8 is complete. Other miscellaneous repairs are being undertaken in each garage as the contractor moves forward. This work includes repairs to stair rails, door hardware replacement, bollard repair, application of new traffic surface coating, and caulking. All work in near 95% complete.

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

#### 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:

Design is ongoing and the project is anticipated to bid in August 2015.

#### 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:

Design is ongoing and the project is anticipated to bid in August 2015.

## <u>Repair, Upgrade, or Improve Building Systems – UK HealthCare (Good Samaritan Hospital Replace Electrical Switchgear)</u>

#### 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 has started and installation is around 35% complete. Electrical gear has been purchased and is on site. Contractor is currently installing underground conduits, etc. and is working with Kentucky Utilities on electrical feeds to the hospital.

#### Repair/Upgrade/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:

Construction work is near complete; the final surface coat is being coordinated with completion of the Woodland Glen III, IV, and V housing facilities to avoid damage to the final surface from construction operations. The final coat will be applied in early August 2015.

#### Repair/Upgrade/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:

All existing structures have been demolished, and slab was removed and crushed for recycled backfill material. Earthwork is nearing completion. Curbs, asphalt, striping, sidewalks, electrical work, permanent fencing, and landscaping will commence early August 2015. Substantial completion is scheduled for late August 2015.

#### 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:

Project is currently under construction and will be complete in August 2015.

#### 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:* 

The Stadium project is moving forward on a tight schedule with substantial completion expected on August 24 prior to the beginning of the 2015 football season. The glass and glazing contractor continues to complete installation on the south tower. Much of the ceramic tile is installed and carpeting has begun throughout. Seating and furniture deliveries are arriving late August 2015. Painting of the structural elements is on-going. Site work is well underway and scheduled to complete by late August 2015. Weekly coordination meetings with the Food Service equipment installers are underway with a soft opening for food prep areas scheduled for August 26, 2015. Work on all major elements continues daily on two shifts. Some landscape plantings will follow the fall 2015 planting season.

#### 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:

Phase III of the renovation was bid in July 2015 with Solica Construction having the low bid. A work order to begin work was issued with a substantial completion date of December, 2015.

#### Upgrade/Renovate Space in Multi-Disciplinary Science Building

Project Description:

This project will renovate the fourth floor, or approximately 15,750 square feet, of the Multi-Disciplinary Science Building. The renovation will include reconfigured academic, administrative and support spaces; updated finishes and fixtures; and necessary upgrades to mechanical and electrical components. The renovated space will house several University units, including the Disability Resource Center, The Graduate Center for Gerontology and Student Support Services.

Project Status:

This project was substantially complete in May 2015.

#### **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 interviews were held in late July 2015 and contract negotiation is underway. An RFP for construction management pre-construction services will be posted in August 2015.

#### **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 is underway. A team consisting of lead by Champlin Architecture and including Hammel, Green and Abrahamson (HGA); Affiliated Engineers (AEI); CMTA Engineering; Jacobs Engineering; THP Limited; Carman Engineering; Towers Golde and several other firms have been selected to participate in the design of the project. The consultant contract was submitted to Frankfort for approval on July 13, 2015. The selection of a construction manager (CM) is under way. The CM selection committee has selected three firms for interview – Congleton-Hacker, Turner Construction and Whiting-Turner. Interviews are scheduled for August 7, 2015.

The design team is meeting on a regular basis with facility and staff members to confirm the program for the building. Design meetings were held in July 2015 with the group having traveled to Columbus and Cincinnati to view existing facilities. Additional design meetings are scheduled for the weeks of August 17, 2015 and September 7, 2015. Once the program for the building is confirmed design will proceed to the schematic level, which is currently scheduled for completion in early October 2015.

Once the CM is selected this firm will participate fully in the design process and be responsible for all estimating efforts. Current scheduling calls for a site clearing – utilities package to be released for bidding in December of 2015, with construction beginning in February 2016. The CM will confirm the elements of the various packages and release dates as the design develops.

The current Substantial Completion date is June 2018.

#### **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:

RFP's for procurement of two boilers have been issued for direct purchase by the university, as well as an RFP to provide temporary boiler capacity until the new boilers are installed and complete.

#### Expand Hilary J. Boone Tennis Center – Design Phase

#### Project Description:

This project will initiate the design phase of the expansion of the Boone Tennis Center. The current facility has an insufficient number of courts to fully accommodate collegiate matches. The project will expand the facility from four (4) to six (6) courts (expansion to the south end of the building) and will move the spectator seating and public areas to the east side of the building. Also, the project will also add new team offices, player locker rooms, player lounges and study area, spectator rest rooms, officials lounge, visitor locker area and many system-related upgrades such as HVAC, lighting, exterior substrate, and roof structure.

Project Status:

The advertisement for consultants was posted in July 2015. Interviews for the consultants will be held in August 2015. Design to start once the consultant is under contract.

#### <u>Limestone Park I & II</u>

#### 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 (LPII) 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 framing continues to make progress. Underground electrical and plumbing are also in progress.

#### Limestone Park II (North Building)

Structural framing continues to make progress. Mechanical, electrical, and plumbing rough-ins are following behind structural frame.

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

#### 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:

Design is ongoing and the project is anticipated to go out to bid in September 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:

Aramark will manage multiple projects utilizing various design and construction contracts. UK is not a party to these contracts therefore they are not included in this report. The EVPFA will provide regular updates to the Finance Committee on the progress of these facilities.

#### 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:* 

Construction is nearing completion at all three buildings. These buildings are all scheduled to open in August 2015. Below is a summary of work at each of the buildings:

Woodland Glen III (North Building)

All interior work is nearing completion. Furniture is being moved into the building. Exterior site development is in progress.

#### Woodland Glen IV (East Building)

Interior finishes are nearing completion. Furniture is being moved into the building. Final exterior work is in progress, along with site development.

#### Woodland Glen V (South Building)

All interior work is nearing completion. Furniture has been moved into the building. Exterior site development is in progress.

#### **Campus Security System**

Project Number: 2342.00

Scope: \$5,000,000

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

| Original Contract Amount:    | \$50,000                     |
|------------------------------|------------------------------|
| Cumulative Amendment Amount: |                              |
| Revised Contract Amount:     | \$50,000                     |
|                              |                              |
|                              | Cumulative Amendment Amount: |

| 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:                 | 96%         |
|                                    |  |             |

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 form 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.

**Project Description:** 

#### 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

| Original Contract Amount:    | \$101,000                    |
|------------------------------|------------------------------|
| Cumulative Amendment Amount: | \$12,500                     |
| Revised Contract Amount:     | \$113,500                    |
|                              | Cumulative Amendment Amount: |

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: 7 | Cumulative Change Order Amount: | \$34,461    |
| Low Bid: \$1,707,000           | Revised Contract Amount:        | \$1,741,461 |
| High Bid: \$1,707,000          | Contract Percent Complete:      | 95%         |
| 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.

#### Construct Academic Science Building

Project Number: 2363.00

Scope: \$112,000,000

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                           | Original Contract Amount:                      | \$7,445,842 |
| Total Amendments to Date: 1                  | Cumulative Amendment Amount:                   | \$751,250   |
| Describe all amendments :                    | Revised Contract Amount:                       | \$8,197,092 |
| Amondmont 1 1/11/15 an increase of \$751 250 | was approved for additional design of hid pack | ages not    |

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.

**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           | Original Contract Amount:       | \$76,858,001 |
| Total Change Orders to Date: 27 | Cumulative Change Order Amount: | \$344,960    |
| Low Bid:                        | Revised Contract Amount:        | \$77,202,961 |
| High Bid:                       | Contract Percent Complete:      | 33%          |
|                                 |                                 |              |

Number of Bids:

**Project Description:** 

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.** 

3

#### 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:

#### Construct Football Training Facility and Practice Fields

Project Number: 2397.00

**Project Description:** 

Scope: \$45,000,000

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   | Original Contract Amount:                               | \$3,077,278 |
|--|---|-------------|
| Total Amendments to Date: 1  | Cumulative Amendment Amount:                            | \$37,037    |
| Describe all amendments :  | Revised Contract Amount:                                | \$3,114,315 |
|  | 037 was approved for additional design and construction |             |
| 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<br>subcontracts are bid and added. The contract was awarded by RFP<br>process. |              |
|----------------------------------|---|--------------|
| Contract # 7500034205            | Original Contract Amount:   | \$33,903,624 |
| Total Change Orders to Date: 16  | Cumulative Change Order Amount:   | \$81,654     |
| Low Bid:                         | Revised Contract Amount:  | \$33,985,278 |
| High Bid:                        | Contract Percent Complete:  | 15%          |
| Number of Bids:                  |   |              |

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.

#### Construct UK/Nicholasville Road Flood Mitigation

Project Number: 2336.00

**Project Description:** 

Scope: \$11,880,030

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  | Original Contract Amount:    | \$427,000 |
|---|------------------------------|-----------|
| Total Amendments to Date: 1   | Cumulative Amendment Amount: | \$272,000 |
| Describe all amendments :   | Revised Contract Amount:     | \$699,000 |
| 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           | Original Contract Amount:       | \$5,404,487 |
|---------------------------------|---------------------------------|-------------|
| Total Change Orders to Date: 12 | Cumulative Change Order Amount: | \$162,972   |
| Low Bid: \$9,991,000            | Revised Contract Amount:        | \$5,567,459 |
| High Bid: \$5,404,487           | Contract Percent Complete:      | 90%         |
| Number of Bids: <sup>9</sup>    |                                 |             |

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.

#### Construct/Replace/Upgrade Student Housing (Fit-up Creative Arts Living Learning

Project Number: 2426.00

**Project Description:** 

Scope: \$2,144,500

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          | Original Contract Amount:    | \$200,520 |
|-----------------------------|------------------------------|-----------|
| Total Amendments to Date:   | Cumulative Amendment Amount: |           |
| Describe all amendments :   | Revised Contract Amount:     | \$200,520 |
| No amendments this quarter. |                              |           |

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:

#### Emergency Replacement of Woodford County Feed Mill

Project Number: 2379.00

**Project Description:** 

Scope: \$4,735,000

On May 26, 2013 a fire destroyed the College of Agriculture's feed manufacturing facility located on the C.O. Little Research Center in Woodford County. This facility was used to create precise diets suitable for research for all poultry at the Coldstream Research Center and all swine and sheep at the C.O. Little Research Center. This project is for the design and reconstruction of the facility.

| Consultant: Luckett & Farley |                              |          |
|------------------------------|------------------------------|----------|
| Contract # A141000FF         | Original Contract Amount:    | \$33,750 |
| Total Amendments to Date:    | Cumulative Amendment Amount: |          |
| Describe all amendments :    | Revised Contract Amount:     | \$33,750 |
| No amendments this quarter.  |                              |          |
|                              |                              |          |

Contractor: Denham-Blythe Company

| Contract # 7500034682           | Original Contract Amount:       | \$4,087,431 |
|---------------------------------|---------------------------------|-------------|
| Total Change Orders to Date: 12 | Cumulative Change Order Amount: | \$218,470   |
| Low Bid: \$4,087,431            | Revised Contract Amount:        | \$4,305,901 |
| High Bid: \$7,010,300           | Contract Percent Complete:      | 100%        |
| Number of Bids: 2               |                                 |             |

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

**Change Order # 1**, 8/18/14, was approved for an increase of \$42,703 to undercut fat clays and replace with compacted dense graded aggregate (DGA) on both the feedmill structure and the pole barn as well as modify the foundations as recommended on the feedmill structure. Changes are necessary after reviewing the geotechnical report. **Change Order # 2**, 12/12/14, was approved for an increase of \$26,400 to provide all third party construction monitoring, inspections, special inspections, and material testing for all phases of the project. **Change Order # 10**, **5/20/15**, was approved for an increase of \$37,963 to provide additional scope items such as conducting safety reviews, signage, railings, fall protection, training, additional machine guarding, added wall panels in the silo building, added crane guards, and forklift guardrails. Change Order # 12, 6/25/15, was approved for an additional \$29,568 to install an emergency disconnect on the mezzanine to prevent the accidental energizing of equipment while an employee is working on or inside either mixer.

#### 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.

| Contract # A151120          | Original Contract Amount:    | \$619,367 |
|-----------------------------|------------------------------|-----------|
| Total Amendments to Date:   | Cumulative Amendment Amount: |           |
| Describe all amendments :   | Revised Contract Amount:     | \$619,367 |
| No amendments this quarter. |                              |           |

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

| Contract # 7500048383          | Original Contract Amount:       | \$3,841,229 |
|--------------------------------|---------------------------------|-------------|
| Total Change Orders to Date: 5 | Cumulative Change Order Amount: | \$68,209    |
| Low Bid: \$3,841,229           | Revised Contract Amount:        | \$3,909,438 |
| High Bid: \$5,198,078          | Contract Percent Complete:      |             |
| Number of Bids: <sup>3</sup>   |                                 |             |

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.

#### Renovate Academic Facility - University Lofts Facility

Project Number: 2339.00

#### **Project Description:**

Scope: \$15,000,000

This project will renovate the 110,000 gross square foot facility into classrooms, class labs/studios, office and support space for the College of Fine Arts. The improvements will also include necessary upgrades of the building systems such as communications, plumbing, HVAC, electrical, fire safety and security.

#### Consultant: Omni Architects

| Contract # A130180          | Original Contract Amount:    | \$584,437   |
|-----------------------------|------------------------------|-------------|
| Total Amendments to Date: 5 | Cumulative Amendment Amount: | \$534,296   |
| Describe all amendments :   | Revised Contract Amount:     | \$1,118,733 |

**Amendment 1**, 12/11/12, an increase of \$10,000 was approved for additional design services to provide schematic design options and an additional estimate to facilitate budget and design decisions. **Amendment 2**, 4/9/13, an increase of \$21,000 was approved for an increase to reimbursable services to allow for additional surveying and subsurface investigations. **Amendment 3**, 11/12/13, an increase of \$453,000 was approved for additional design services due to extensive existing system upgrades necessary to handle the College's anticipated program loads and needs. **Amendment 4**, 2/11/14, an increase of \$21,977 was approved for additional special inspection services required due to the increased scope of structural work required in replacing the existing boiler room with new mechanical and electrical rooms. **Amendment 5**, 9/9/14, an increase of \$28,319 was approved to provide additional design services necessary for changes to faculty studios, architectural and structural elements for the kiln yard, and civil design for future parking. **No amendments this quarter.** 

Contractor: D.W. Wilburn, Inc.

| Original Contract Amount: \$12,273,000    |
|---|
| Cumulative Change Order Amount: \$728,853 |
| Revised Contract Amount: \$13,001,853     |
| Contract Percent Complete: 100%           |
|   |

Number of Bids: 8

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

**Change Order # 10,** 6/5/14, was approved for an increase of \$32,775 to provide flowable-fill below the foundation walls and geo-grid, as well add stone below the floor slab, due to the finding of unsuitable soils. **Change Order # 18,** 8/4/14, was approved for an increase of \$30,000 to add an additional two months of time and general conditions cost due to cell phone equipment and asbestos removal. **Change Order # 20,** 8/22/14, was approved for an increase of \$337,029 to add the renovation of the the third floor of the 1899 building to include new mechanical, electrical, plumbing and finishes for the faculty studios and offices. This work was originally bid as an add alternate. **Change Order # 31,** 10/10/14, was approved for an increase of \$19,002 to provide for changes to security hardware and software to assure compatibility with the campus security system. **Change Order # 37,** 12/12/14, was approved for an increase of \$19,002 to provide for changes to security hardware and software to assure compatibility with the campus security system. **Change Order # 37,** 12/12/14, was approved for an increase of \$19,002 to provide for changes to security hardware and software to assure compatibility with the campus security system. **Change Order # 37,** 12/12/14, was approved for an increase of \$19,002 to provide for changes to security hardware and software to assure compatibility with the campus security system. **Change Order # 37,** 12/12/14, was approved for an increase of \$71,458 to add four art education offices by adapting the space of two faculty studios, relocating the faculty workroom, and adjusting the layout of the faculty lounge. **No change orders greater than \$25,000 this quarter.** 

#### **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:      | Cumulative Change Order Amount: |           |
| Low Bid: \$535,800                | Revised Contract Amount:        | \$535,800 |
| High Bid: \$647,500               | Contract Percent Complete:      |           |

Number of Bids: 4

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

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

#### Renovate Academic/Administrative Space 5 (Employee Wellness Center)

Project Number: 2408.00

#### **Project Description:**

Scope: \$2,000,000

The Employee Wellness Center, currently located in the Alumni Gym, must be relocated to accommodate the planned expansion and renovation of the Student Center. A corner of the Export Building will be renovated to include approximately 6,800 square feet for the Employee Wellness Center. The space will accommodate fitness equipment, group exercise classes, and provide space for locker rooms, staff offices, and storage.

Consultant: Luckett & Farley

| Contract # A151130  | Original Contract Amount:    | \$195,320 |
|---|------------------------------|-----------|
| Total Amendments to Date: 1   | Cumulative Amendment Amount: | \$9,000   |
| Describe all amendments :   | Revised Contract Amount:     | \$204,320 |
| Amendment 1, 4/14/15, an increase of \$9,000 was approved for structural tests and special inspection |                              |           |

services.

**Contractor:** Wehr Constructors Contract # 7500044466 Original Contract Amount: \$1,627,000 Total Change Orders to Date: 18 Cumulative Change Order Amount: \$90,958 Low Bid: \$1,627,000 Revised Contract Amount: \$1,717,958 High Bid: \$1,865,000 Contract Percent Complete: Number of Bids: 7

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

Change Order # 1, 3/4/15, was approved for an increase of \$31,670 to add alternates 1 & 2 as listed on the bid form. Alternate #1 provides epoxy flooring in lieu of tile in the toilet and shower areas. Alternate # 2 extends the exterior metal entrance canopy and structural steel. Change Order # 12, 4/22/15, was approved for an increase of \$35,051 to provide a moisture control system on the existing concrete slab-on-grade.

100%

#### Renovate Old Softball/Soccer Locker Room

Project Number: 2401.00

**Project Description:** 

Scope: \$2,178,621

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   | Original Contract Amount:    | \$62,800 |
|--|------------------------------|----------|
| Total Amendments to Date: 1  | Cumulative Amendment Amount: | \$12,000 |
| Describe all amendments :  | Revised Contract Amount:     | \$74,800 |
| 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.   |                              |          |

| Contractor: Olympic Construction |                                 |             |
|----------------------------------|---------------------------------|-------------|
| Contract # 7500046801            | Original Contract Amount:       | \$1,586,198 |
| Total Change Orders to Date: 2   | Cumulative Change Order Amount: | \$9,700     |
| Low Bid: \$1,586,198             | Revised Contract Amount:        | \$1,595,898 |
| High Bid: \$1,956,950            | Contract Percent Complete:      | 39%         |
| Number of Bids: <sup>8</sup>     |                                 |             |

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

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

#### Renovate/Expand Gatton Building

Project Number: 2345.00

Scope: \$65,000,000

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          | Original Contract Amount:    | \$3,716,149 |
|-----------------------------|------------------------------|-------------|
| Total Amendments to Date: 4 | Cumulative Amendment Amount: | \$1,831,866 |
| Describe all amendments :   | Revised Contract Amount:     | \$5,548,015 |

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.

| Contractor: Skanska USA Building | Note: This is a 'CM-At-Risk" contract. The amount will be increased as<br>subcontracts are bid and added. *SKANSKA's contract was awarded by RF<br>process. | Ρ            |
|----------------------------------|---|--------------|
| Contract # 7500012212            | Original Contract Amount:   | \$52,482,798 |
| Total Change Orders to Date: 176 | Cumulative Change Order Amount:   | \$3,098,671  |
| Low Bid:                         | Revised Contract Amount:  | \$55,581,469 |
| High Bid:                        | Contract Percent Complete:  | 71%          |
| Number of Bids:                  |   |              |

#### 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 guantity 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 approved for an increase of \$44,068 to provide labor and material for switch from a knock-down hollow metal door

#### **Project Description:**

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.

#### Renovate/Expand Student Center

Project Number: 2396.00

Scope: \$175,000,000

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  | Original Contract Amount:   | \$10,104,022             |  |  |
| Total Amendments to Date:   | Cumulative Amendment Amount:  |                          |  |  |
| Describe all amendments :   | Revised Contract Amount:  | \$10,104,022             |  |  |
| No amendments this quarter.   |   |                          |  |  |
| Contractor: Messer Constructior   | n Co. Note: This is a 'CM-At-Risk" contract. The amount will be increased as<br>subcontracts are bid and added. *Messer's contract was awarded by RFI<br>process.   | Þ                        |  |  |
| Contract # 7500038441   | Original Contract Amount:   | \$22,451,229             |  |  |
| Total Change Orders to Date:  | Cumulative Change Order Amount:   |                          |  |  |
| Low Bid:  | Revised Contract Amount:  | \$22,451,229             |  |  |
| High Bid:   | Contract Percent Complete:  |                          |  |  |
| Number of Bids:   |   |                          |  |  |
| Describe all change orders gre  | ater than \$25,000.00:  |                          |  |  |
| No change order greater than \$25,000 this quarter.                     |   |                          |  |  |
| Renovate  | e/Replace Playing Field - Commonwealth Stadium  |                          |  |  |
|   | Project Number: 2416.00   |                          |  |  |
| Project Description:  | Scope: \$1,000,000  |                          |  |  |
| and replace the natural grass pla<br>Athletics football program. This p | g surface has not been completely renovated since 2001. This project<br>ying surface with a synthetic "in-fill" type surface for the Department o<br>project will include removal of the existing natural grass playing surface<br>allation of the in-fill type synthetic grass surface over the existing field o | f Intercollegiate<br>and |  |  |
| Concultant: Project is Design/B   | uild See below for Contractor   |                          |  |  |

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

| Contract #<br>Total Amendments to Date:                 | Original Contract Amount:<br>Cumulative Amendment Amount:           |           |
|---|---|-----------|
| <b>Describe all amendments :</b><br>Not Applicable.     | Revised Contract Amount:  |           |
| Contractor: Tree Top Landscaping, Inc. dba SportsFields | s * This contract is Design Build and was<br>awarded by RFP process |           |
| Contract # 7500043673                                   | Original Contract Amount:   | \$672,500 |
| Total Change Orders to Date: 2                          | Cumulative Change Order Amount:                                     | \$1,157   |
| Low Bid:  | Revised Contract Amount:  | \$673,657 |
| High Bid:   | Contract Percent Complete:  | 76%       |
| 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.
### Renovate/Upgrade Academic Space - Patterson Hall

Project Number: 2417.00

**Project Description:** 

Scope: \$15,000,000

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  | Original Contract Amount:    | \$7,500,000 |
|---|------------------------------|-------------|
| Total Amendments to Date: 1   | Cumulative Amendment Amount: | \$229,600   |
| Describe all amendments :   | Revised Contract Amount:     | \$7,729,600 |
| 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.

| 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              | Original Contract Amount:   | \$686,108 |
| Total Change Orders to Date:       | Cumulative Change Order Amount:   |           |
| Low Bid:                           | Revised Contract Amount:  | \$686,108 |
| High Bid:                          | Contract Percent Complete:  | 4%        |
| Number of Bids:                    |   |           |
| Describe all change orders greater | than \$25,000.00:   |           |

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

Project Number: 2394.00

**Project Description:** 

Scope: \$8,039,840

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                             | Original Contract Amount:                          | \$228,500 |
|--|--|-----------|
| Total Amendments to Date: 1                    | Cumulative Amendment Amount:                       | \$287,500 |
| Describe all amendments :                      | Revised Contract Amount:                           | \$516,000 |
| Amendment 1 6/17/15 an increase of \$287 500 w | as approved for additional design and construction | n         |

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.

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: |                                 |

17

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

Project Number: 2402.10

#### **Project Description:**

## Scope: \$69,031,636

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: 2 | Cumulative Amendment Amount:               | \$198,900           |
| Describe all amendments :   | Revised Contract Amount:                   | \$1,083,400         |
|                             | o di tra datte datte da tra constana a una | with a state state. |

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.

| Contractor: Turner Construction Co. | Note: This is a 'CM-At-Risk" contract. The amount will be increased as<br>subcontracts are bid and added. Turner's contract was awarded by RFP<br>process. |              |
|-------------------------------------|--|--------------|
| Contract # 7500038892               | Original Contract Amount:  | \$36,207,835 |
| Total Change Orders to Date: 25     | Cumulative Change Order Amount:  | \$338,676    |
| Low Bid:                            | Revised Contract Amount:   | \$36,546,511 |

Hiah Bid:

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.

Contract Percent Complete:

35%

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

Project Number: 2402.60

\$23,822,997 Scope:

**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                    | Original Contract Amount:  | \$287,608 |
| Total Amendments to Date:             | Cumulative Amendment Amount:   |           |
| Describe all amendments :             | Revised Contract Amount:   | \$287,608 |
| No amendments this quarter.           |  | -         |
| Contractor: Turner Construction Co.   | Note: This is a 'CM-At-Risk" contract. The amount will be increased as<br>subcontracts are bid and added. Turner's contract was awarded by RFP<br>process. |           |
| Contract # 7500049653                 | Original Contract Amount:  | \$254,392 |
| Total Change Orders to Date:          | Cumulative Change Order Amount:  |           |
| Low Bid:                              | Revised Contract Amount:   | \$254,392 |
| High Bid:                             | Contract Percent Complete:   |           |

Number of Bids:

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

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

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

Project Number: 2402.30

**Project Description:** 

Scope: \$50,000,000

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<br>Total Amendments to Date:      | Original Contract Amount:<br>Cumulative Amendment Amount: | \$3,648,000 |
|--|---|-------------|
| Describe all amendments :                            | Revised Contract Amount:                                  | \$3,648,000 |
| No amendments this quarter.                          |   |             |
| Contractor: Turner Construction Co.                  |   |             |
| Contract # 7500040310                                | Original Contract Amount:                                 | \$1,403,553 |
| Total Change Orders to Date:                         | Cumulative Change Order Amount:                           |             |
| Low Bid:   | Revised Contract Amount:                                  | \$1,403,553 |
| High Bid:  | Contract Percent Complete:                                |             |
| Number of Bids:                                      |   |             |
| Describe all change orders greater than \$25,000.00: |   |             |

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

Project Number: 2402.20

**Project Description:** 

Scope: \$17,946,012

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<br>Total Amendments to Date: | Original Contract Amount:<br>Cumulative Amendment Amount: | \$1,361,379  |
|---|---|--------------|
| Describe all amendments :                       | Revised Contract Amount:                                  | \$1,361,379  |
| No amendments this quarter.                     |   |              |
| Contractor: Turner Construction Co.             |   |              |
| Contract # 7500040299                           | Original Contract Amount:                                 | \$12,935,672 |
| Total Change Orders to Date:                    | Cumulative Change Order Amount:                           |              |
| Low Bid:  | Revised Contract Amount:                                  | \$12,935,672 |
| High Bid:                                       | Contract Percent Complete:                                |              |

Number of Bids:

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

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

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

Project Number: 2402.40

**Project Description:** 

Scope: \$4,630,000

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          | Original Contract Amount:    | \$240,000 |
|-----------------------------|------------------------------|-----------|
| Total Amendments to Date:   | Cumulative Amendment Amount: |           |
| Describe all amendments :   | Revised Contract Amount:     | \$240,000 |
| 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/Upgrade UK Healthcare Facilities (Phase I-G) - (11th Floor)

Project Number: 2402.80

Scope: \$37,053,500

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.

Project Description:

| Contract # A151240          | Original Contract Amount:    | \$798,000 |
|-----------------------------|------------------------------|-----------|
| Total Amendments to Date:   | Cumulative Amendment Amount: |           |
| Describe all amendments :   | Revised Contract Amount:     | \$798,000 |
| No amendments this quarter. |                              |           |

| Contractor: Turner Construction Co. | Note: This is a 'CM-At-Risk" contract. The amount will be increased as<br>subcontracts are bid and added. Turner's contract was awarded by RFP<br>process. |             |
|-------------------------------------|--|-------------|
| Contract # 7500049655               | Original Contract Amount:  | \$1,389,393 |

| CONTACT # 1000049000         | Original Contract Amount.       | ψ1,000,000  |
|------------------------------|---------------------------------|-------------|
| Total Change Orders to Date: | Cumulative Change Order Amount: |             |
| Low Bid:                     | Revised Contract Amount:        | \$1,389,393 |
| High Bid:                    | Contract Percent Complete:      |             |
| Number of Bids:              |                                 |             |

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

| Renovate/Upgrade UK HealthCare Facilities (Phase IG) - Blood Bank<br>Project Number: 2402.50 |   |          |  |  |
|--|---|----------|--|--|
|  | cope: \$1,542,400   |          |  |  |
|  | e on the 3rd floor of the Pavilion A for use as a blood bank  |          |  |  |
| Consultant: Stengel Hill Architecture  |   |          |  |  |
| Contract # A161000SS   | Original Contract Amount:   | \$30,000 |  |  |
| Total Amendments to Date:  | Cumulative Amendment Amount:  |          |  |  |
| Describe all amendments :  | Revised Contract Amount:  | \$30,000 |  |  |
| No amendments this quarter.  |   |          |  |  |
| subc   | This is a 'CM-At-Risk" contract. The amount will be increased as ontracts are bid and added. Turner's contract was awarded by RFI | 5        |  |  |
| Contract # 7500049652  | original Contract Amount:   | \$81,567 |  |  |
| Total Change Orders to Date:   | Cumulative Change Order Amount:   | . ,      |  |  |
| Low Bid:   | Revised Contract Amount:  | \$81,567 |  |  |
| High Bid:  | Contract Percent Complete:  |          |  |  |
| Number of Bids:  |   |          |  |  |
| Describe all change orders greater than \$   | 25,000.00:  |          |  |  |
|  | is quarter.   |          |  |  |

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

Project Number: 2415.00

#### **Project Description:**

Scope: \$700,000

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 #                | Original Contract Amount:    |
|---------------------------|------------------------------|
| Total Amendments to Date: | Cumulative Amendment Amount: |
| Describe all amendments : | Revised Contract Amount:     |
| Not Applicable.           |                              |

| Contractor: DC Elevator Co., Inc |                                 |           |
|----------------------------------|---------------------------------|-----------|
| Contract # 4300130338            | Original Contract Amount:       | \$598,000 |
| Total Change Orders to Date:     | Cumulative Change Order Amount: |           |
| Low Bid: \$598,000               | Revised Contract Amount:        | \$598,000 |
| High Bid: \$598,000              | Contract Percent Complete:      | 60%       |
| Number of Bids: 1                |                                 |           |
|                                  |                                 |           |

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

#### 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 the 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.

Contractor Phase 1: Eubank & Steele Construction Co.

| Contract #        | 7500031222                           |                                 |             |
|-------------------|--------------------------------------|---------------------------------|-------------|
| Total Change Ord  | lers to Date: 19                     | Original Contract Amount:       | \$1,670,350 |
| Low Bid:          | \$1,670,350                          | Cumulative Change Order Amount: | \$149,025   |
| High Bid:         | \$1,724,526                          | Revised Contract Amount:        | \$1,819,375 |
| Number of Bids:   | 3                                    | Contract % complete:            | 100%        |
| Describe all chai | nge orders greater than \$25,000.00: |                                 |             |

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

Contractor Phase 2: Eubank & Steele Construction Co.

| Contract #       | 7500049604          |                     |                                 |             |
|------------------|---------------------|---------------------|---------------------------------|-------------|
| Total Change Ord | ters to Date:       | 4                   | Original Contract Amount:       | \$1,075,000 |
| Low Bid:         | \$1,075,000         |                     | Cumulative Change Order Amount: | \$25,575    |
| High Bid:        | \$1,075,000         |                     | Revised Contract Amount:        | \$1,100,575 |
| Number of Bids:  | 1                   |                     | Contract % complete:            | 7%          |
| Describe all cha | nge orders greate   | r than \$25,000.00: |                                 |             |
| No change orde   | rs greater than \$2 | 5,000 this quarter. |                                 |             |

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

Project Number: 2420.00

Project Description:

Scope: \$1,000,000

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          | Original Contract Amount:    | \$82,360 |
|-----------------------------|------------------------------|----------|
| Total Amendments to Date:   | Cumulative Amendment Amount: |          |
| Describe all amendments :   | Revised Contract Amount:     | \$82,360 |
| No amendments this quarter. |                              |          |

Contractor: Carl Walker Construction, Inc.

| Contract # 7500049118          | Original Contract Amount:       | \$689,700 |
|--------------------------------|---------------------------------|-----------|
| Total Change Orders to Date: 1 | Cumulative Change Order Amount: | \$8,773   |
| Low Bid:                       | Revised Contract Amount:        | \$698,473 |
| High Bid:                      | Contract Percent Complete:      | 25%       |
| Number of Bids:                |                                 |           |

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

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

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

Project Number: 2410.00

### Project Description:

Scope: \$1,500,000

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<br>Total Amendments to Date:         | Original Contract Amount:<br>Cumulative Amendment Amount: | \$37,000  |
|--|---|-----------|
| Describe all amendments :<br>No amendments this quarter. | Revised Contract Amount:                                  | \$37,000  |
| Contractor: Ready Electric                               |   |           |
| Contract # 4300113398                                    | Original Contract Amount:                                 | \$826,198 |
| Total Change Orders to Date:                             | Cumulative Change Order Amount:                           |           |
| Low Bid: \$826,198                                       | Revised Contract Amount:                                  | \$826,198 |
| High Bid:  | Contract Percent Complete:                                | 30%       |
| Number of Bids: 3  |   |           |
| Describe all change orders greater than \$25,0           | 00.00:  |           |
|  |   |           |

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

Project Number: 2409.00

### **Project Description:**

Concultante CMTA Engineero

Scope: \$2,000,000

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. Civit A Engineers |                              |           |
|-------------------------------|------------------------------|-----------|
| Contract # A151210            | Original Contract Amount:    | \$158,750 |
| Total Amendments to Date:     | Cumulative Amendment Amount: |           |
| Describe all amendments :     | Revised Contract Amount:     | \$158,750 |
| 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:

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

Project Number: 2406.00

**Project Description:** 

Scope: \$1,500,000

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                              | Original Contract Amount:    | \$119,750 |
| Total Amendments to Date:                       | Cumulative Amendment Amount: |           |
| Describe all amendments :                       | Revised Contract Amount:     | \$119,750 |
| No amendments this quarter.                     |                              |           |
| Contractor: No construction contract awarded to | date.                        |           |
| Contract #                                      | Original Contract Amount     |           |

| Contract #                   | Onginal 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:

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

Project Number: 2374.00

Project Description:

Scope: \$2,350,000

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        |   | Original Contract Amount:    | \$53,285 |
|---------------------------|---|------------------------------|----------|
| Total Amendments to Date: | 1 | Cumulative Amendment Amount: | \$17,718 |
| Describe all amendments : |   | Revised Contract Amount:     | \$71,003 |

**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.

|                                | Note: This is a 'CM-At-Risk" contract. The amount will be increased as ocontracts are bid and added. The contract was awarded by RFP process. |             |
|--------------------------------|---|-------------|
| Contract # 7500041592          | Original Contract Amount:   | \$2,060,609 |
| Total Change Orders to Date: 7 | Cumulative Change Order Amount:   | \$27,676    |
| Low Bid:                       | Revised Contract Amount:  | \$2,088,285 |
| High Bid:                      | Contract Percent Complete:  | 80%         |

Number of Bids:

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

## **Project Description:**

Scope: \$1,900,000

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           | Original Contract Amount:       | \$156,703   |
|------------------------------|---------------------------------|-------------|
| Total Amendments to Date:    | Cumulative Amendment Amount:    |             |
| Describe all amendments :    | Revised Contract Amount:        | \$156,703   |
| No amendments this quarter.  |                                 |             |
| Contractor: Renascent, Inc.  |                                 |             |
| Contract # 7500050788        | Original Contract Amount:       | \$1,175,000 |
| Total Change Orders to Date: | Cumulative Change Order Amount: |             |
| Low Bid: \$1,175,000         | Revised Contract Amount:        | \$1,175,000 |
| High Bid: \$1,423,000        | Contract Percent Complete:      | 35%         |
| Number of Bids: 4            | · · ·                           |             |
|                              |                                 |             |

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

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

Project Number: 2422.00

#### **Project Description:**

Consultant: Bell Engineering

Scope: \$1,800,000

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.

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|--|---------------------------------|-------------|
| Contract # A151220                           | Original Contract Amount:       | \$126,304   |
| Total Amendments to Date:                    | Cumulative Amendment Amount:    |             |
| Describe all amendments :                    | Revised Contract Amount:        | \$126,304   |
| No amendments this quarter.                  |                                 |             |
| Contractor: L-M Asphalt Partners, Ltd. dba A | TS Construction                 |             |
| Contract # 7500051533                        | Original Contract Amount:       | \$1,185,450 |
| Total Change Orders to Date:                 | Cumulative Change Order Amount: |             |
| Low Bid: \$1,185,450                         | Revised Contract Amount:        | \$1,185,450 |
| High Bid: \$1,792,000                        | Contract Percent Complete:      | 2%          |
| Number of Bids: 3                            |                                 |             |
|  |                                 |             |

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

## Upgrade/Expand Commonwealth Stadium

Project Number: 2362.00

Scope: \$126,500,000

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

**Project Description:** 

| Contract # A131170          | Original Contract Amount:    | \$8,367,464 |
|-----------------------------|------------------------------|-------------|
| Total Amendments to Date: 3 | Cumulative Amendment Amount: | \$996,704   |
| Describe all amendments :   | Revised Contract Amount:     | \$9,364,168 |

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 deterioation of existing concrete masonry (CMU) walls, and an allowance reconciliation for "special inspections".

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           | Original Contract Amount:          | \$107,659,208 |
|---------------------------------|------------------------------------|---------------|
| Total Change Orders to Date: 23 | 33 Cumulative Change Order Amount: | \$3,048,284   |
| Low Bid:                        | Revised Contract Amount:           | \$110,707,492 |
| High Bid:                       | Contract Percent Complete:         | 75%           |
| Number of Bids:                 |                                    |               |

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 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 # 122, 3/1/15, was approved for an increase of \$58,492 to replace existing upper concourse area drainage piping in twelve locations due to degradation of the piping. Change Order # 128, 3/1/15, was approved for an increase of \$35,771 to provide a larger structure to house the emergency generator due to larger transfer switch equipment than originally anticipated. 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 # 139, 3/24/15, was approved for an increase of \$82,497 to modify the Loge seating area allowing each patron access to power and communications outlets for the use of modern electronic equipment. Change Order # 148, 4/3/15, was approved for an increase of \$26,801 to provide the power requirements for the four wheelchair lifts in the Loge

Club. 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 # 162, 4/21/15, was approved for an increase of \$44,202 to install tombstone style electrical receptacle pedestals in lieu of horizontal installations in all areas open to the weather. These prevent exterior moisture and potential spillage from entering the outlets. Change Order # 165, 4/27/15, was approved for an increase of \$137,200 to modify the precast to allow for the necessary expansion capability along the north and south sidelines. Change Order # 171, 5/4/15, was approved for an increase of \$79,267 to relocate the existing Daktronics control room to room 144 allowing for an expanded and enlarged control room for the broadcast facilities. Change Order # 173, 5/4/15, was approved for an increase of \$44,657 to add insulation and an air barrier to the precast envelope around portions of the Loft Club. 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 concourse and upper concourse roofs as required to accomodate 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 # 188, 5/18/15, was approved for an increase of \$31,457 to furnish and install 18 additional TV monitor locations throughout the north and south main concourses, upper concourses, press level, and low roof areas. 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 # 221, 6/23/15, was approved for an increase of \$51,651 to replace the existing feeder for irrigation pumps that was demolished due to raker removal. Change Order # 224, 6/23/15, was approved for an increase of \$35,148 to provide the labor, equipment, fuel, and material necessary for the temporary dehumidification and heating required to dry out the North Upper Concourse to allow for continuation of construction. Change Order # 229, 6/24/15, was approved for an increase of \$76,887 to install the required air barrier and thermal envelope at the Upper Concourse north and south sidelines. 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.

#### 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.

### Upgrade/Renovate Space in Multi-Disciplinary Science Building

Project Number: 2411.00

**Project Description:** 

Scope: \$2,903,534

This project will renovate the fourth floor, or approximately 15,750 square feet, of the Multi-Disciplinary Science Building. The renovation will include reconfigured academic, administrative and support spaces; updated finishes and fixtures; and necessary upgrades to mechanical and electrical components. The renovated space will house several University units, including the Disability Resource Center, The Graduate Center for Gerontology and Student Support Services.

Consultant: Omni Architects

| Contract # A141210          | Original Contract Amount:    | \$317,000 |
|-----------------------------|------------------------------|-----------|
| Total Amendments to Date:   | Cumulative Amendment Amount: |           |
| Describe all amendments :   | Revised Contract Amount:     | \$317,000 |
| No amendments this guarter. |                              |           |

Contractor: Marrillia Design & Construction

| Contract # 7500042968           | Original Contract Amount:       | \$1,896,460 |
|---------------------------------|---------------------------------|-------------|
| Total Change Orders to Date: 24 | Cumulative Change Order Amount: | \$137,632   |
| Low Bid: \$1,896,460            | Revised Contract Amount:        | \$2,034,092 |
| High Bid: \$2,062,000           | Contract Percent Complete:      | 100%        |
| Number of Bids: <sup>3</sup>    |                                 |             |

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

Change Order # 23, 7/27/15, was approved for an increase of \$49,308 to change the swing of doors in the DRC testing room to not reduce the width of the corridor by more than on-half and to provide the required gypsum wall board patching and painting. This change was required per the Department of Housing, Buildings, and Constructions temporary certificate of occupancy letter.