

2016-2022 Statewide Capital Improvements Plan

**Capital Planning Advisory Board
of the Kentucky General Assembly**

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Summary



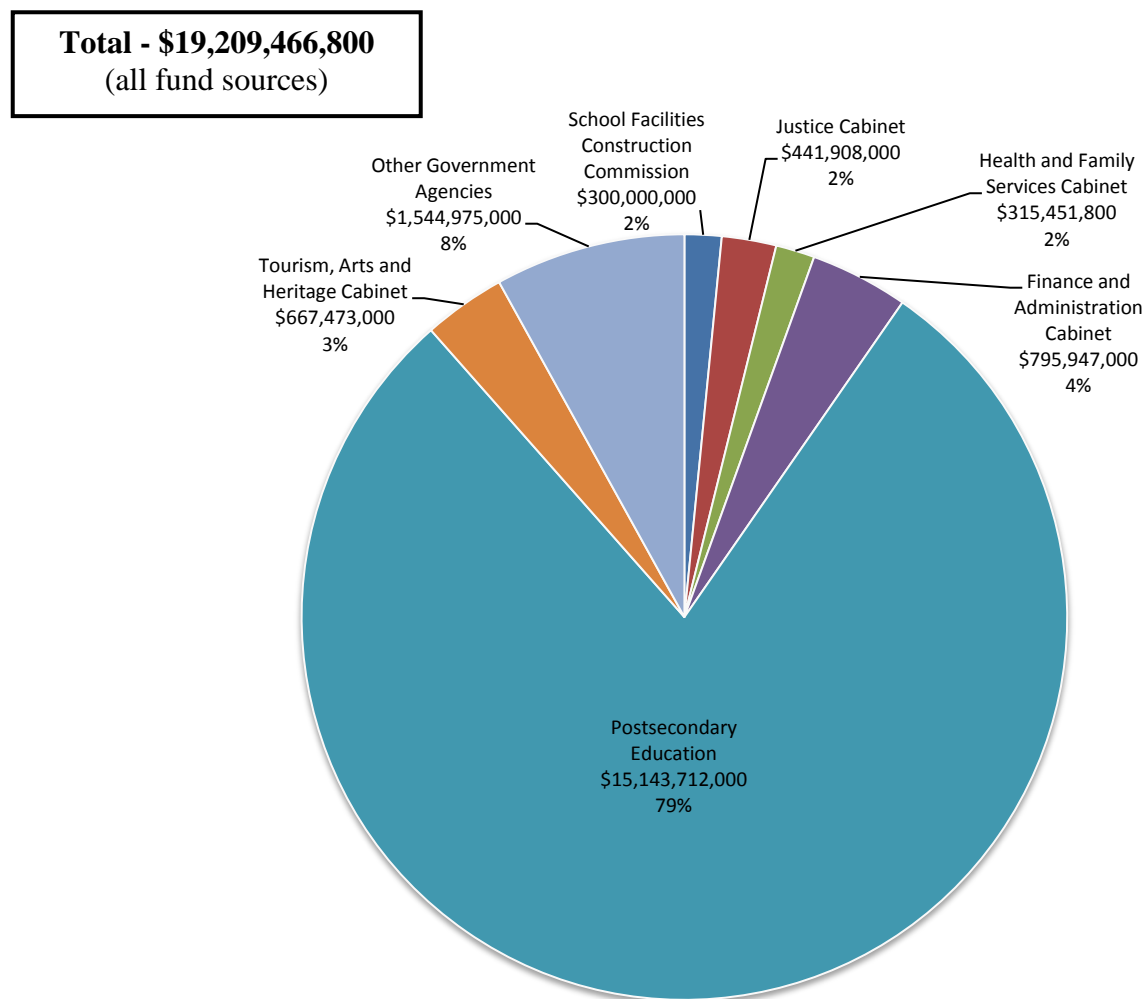
2016-2022 Statewide Capital Improvements Plan

Summary

The Capital Planning Advisory Board's *2016-2022 Statewide Capital Improvements Plan* focuses on providing the facilities, technology, and equipment that will allow state services to be provided to the citizens of the commonwealth in an efficient and effective manner. To meet these objectives, the plan contains a series of policy and project recommendations.

The state is currently responsible for managing or administering approximately 89 million square feet of space with an insured value of \$16.9 billion. These facilities are an important tool for the delivery of the services that citizens need and desire. They include office buildings, hospitals, classrooms and other postsecondary educational facilities, penal institutions, juvenile detention and treatment centers, and park lodges and other recreational/conference facilities.

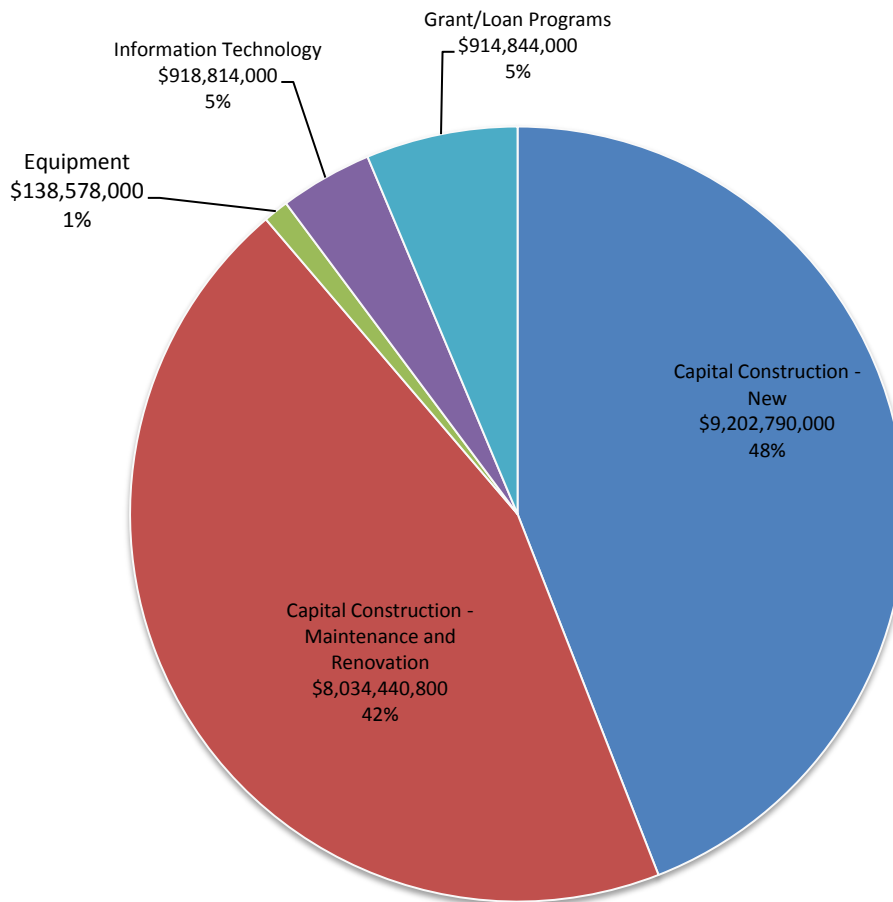
The 2016-2022 capital plans submitted by state agencies, postsecondary institutions, and the Judicial Branch reported the need for 1,460 projects totaling approximately \$19.2 billion *from all fund sources* over the next 6 years. General fund dollars represent approximately \$7.9 billion of the total need.



By Area of Government

For the 6-year period, approximately \$9.2 billion is needed for construction projects such as new facilities and expansions; \$8.0 billion for maintenance and renovation of existing facilities; \$139 million for equipment; \$919 million for information technology projects; and \$915 million for the grant and loan programs that provide assistance to nonstate entities for water and sewer infrastructure, schools, and economic development.

Total - \$19,209,466,800
(all fund sources)



By Project Type

The board and the 6-year capital planning process were established by the 1990 General Assembly and codified as KRS Chapter 7A. The 16-member board has appointees from each of the three branches of state government. It is to create a 6-year comprehensive statewide capital improvements plan, encompassing all state agencies and postsecondary institutions, to be submitted to the heads of the three branches—the Governor, the Chief Justice, and the Legislative Research Commission (LRC)—by November 1 of each odd-numbered year. This enables the comprehensive capital plan to be used in the subsequent budget process and legislative session.

The 2016-2022 capital planning process began with the board's August 2014 approval of guidelines for submission of the agency plans. The plans were required to include information about the agency's mission and programs, information about the facilities and space that the agency manages or occupies, and information about projects that are proposed to be undertaken during the upcoming 6 years.

The plans were submitted on April 15, 2015, using a Web-based system developed by the LRC Office for Computing and Information Technology. Review of the plans and development of this statewide plan by the board occurred over the course of multiple meetings from June through October. At these meetings, the board received testimony from the state agencies and postsecondary institutions concerning the projects reflected in their plans. The board also received a staff update on Kentucky's bonded indebtedness and reports and recommendations from the Council on Postsecondary Education and the Commonwealth Office of Technology.

Policy Recommendations



2016-2022 **Statewide Capital Improvements Plan**

POLICY RECOMMENDATION
COMMONWEALTH OFFICE OF TECHNOLOGY
ENTERPRISE SHARED INFRASTRUCTURE AND SERVICES

The board endorses and supports the Commonwealth Office of Technology's efforts to develop and implement enterprise-wide business solutions for the delivery of state agency information technology services.

In a July 2015 report to the Capital Planning Advisory Board, the Chief Information Officer of the Commonwealth Office of Technology (COT) included a recommendation addressing state information technology operations and services.

The report recommended that COT develop an enterprise-wide business solution that would address document management and scanning needs for executive branch agencies.

Executive Order 2012-880, signed by the Governor in October 2012, centralized the operation of state agency information technology infrastructure services under the

direction of COT. It is imperative that technology investment decisions be made from an enterprise perspective and not that of a single cabinet or agency.

An enterprise-wide investment approach and cross-agency collaboration are necessary to ensure that the commonwealth's limited information technology resources are being utilized in the most cost-effective manner.

Endorsement of COT's efforts to deliver information technology services in an efficient and effective manner is appropriate and consistent in keeping with the board's understanding of the role assigned to the office.

POLICY RECOMMENDATION

COUNCIL ON POSTSECONDARY EDUCATION—BALANCED CAPITAL INVESTMENT APPROACH

The Capital Planning Advisory Board endorses the Council on Postsecondary Education’s multiyear strategy for financing the capital needs of the postsecondary institutions and recommends that the Governor and the General Assembly endorse the Council’s balanced funding investment framework and provide funding in the 2016-2018 and subsequent state budgets.

Throughout its history, the Capital Planning Advisory Board has made numerous recommendations regarding the need to adequately and appropriately address major capital renewal, maintenance, and renovation needs of state-owned facilities, including those managed by the postsecondary education institutions.

A report on the condition and needs of the commonwealth’s postsecondary facilities, commissioned by the Council on Postsecondary Education (CPE) and the postsecondary institutions, was completed in April 2007 by Vanderweil Facility Advisors, Inc. (VFA). In 2013, VFA provided an update of the cost estimates contained in the report. The update indicated that between 2007 and 2016, \$6.3 billion would be required to bring existing education and general facilities up to good condition and modern standards, and \$1.7 billion would be needed for new construction (or \$8.0 billion in total).

In 2011, CPE developed a new balanced approach and model to address the capital needs of postsecondary institutions. This multiyear funding approach would provide a balanced investment as recommended by the VFA study; allow more flexibility for institutions to implement capital projects; allow campuses to better plan for construction; and provide for stronger protection of state-owned assets.

The model recommends that a pool of funds be established and administered by CPE, and funding be done in terms of an allocation of dollars to each institution, rather than all funds authorized on a per-project basis. Postsecondary institutions will select and rank their projects based on three priority areas: asset preservation, construction of new/expanded education and general facilities, and information technology initiatives.

Each institution’s project list would be included in the CPE capital recommendation as a requirement to be eligible to receive an allocation of funds. The institutions must also agree to meet a certain balance of the expenditures on asset preservation. The multiyear strategy will mirror as closely as possible the VFA recommendation to address current educational facility condition, adequacy, and capacity standards.

In its 2016-2018 budget request due November 2015, CPE intends to request a pool of funds to support this initiative. This request is part of the three-year (3-year) \$1.8 billion capital budget plan that would use a pooled approach for allocating capital funding among institutions.

**POLICY RECOMMENDATION
 BUDGET RESERVE TRUST FUND**

The Capital Planning Advisory Board recommends that the Governor and the General Assembly place a high priority on fully funding the Budget Reserve Trust Fund at a level that represents 5 percent of general fund revenues.

The Capital Planning Advisory Board has in the past recommended that the Budget Reserve Trust Fund (BRTF) be adequately funded in accordance with the provisions of KRS 48.705.

The BRTF was formally established by House Bill (HB) 2, as enacted by the 1995 Special Session of the General Assembly and codified as KRS 48.705. It provided for the BRTF to be financed through direct appropriations, surplus revenue receipts in the general fund, and certain unexpended appropriations, in order to maintain a balance equal to 5 percent of general fund receipts.

According to Fitch Ratings, “a general target for prudent reserve levels is 5 to 10 percent of recurring state own-source revenues.”¹ During the late 1990s, the General Assembly consistently committed funds to the BRTF, and this practice contributed to credit rating upgrades during that period.

At the beginning of FY 2016, the state made a \$146.0 million deposit to the fund (\$82.5 million from the FY 2015 general fund surplus and a \$63.5 million fund transfer as directed by amendments to the executive branch biennial budget bill during the 2015 Regular Session). This represented the single largest deposit that had been made to the fund in its history. The fund is expected to have a \$209 million balance at

the beginning of the upcoming fiscal biennium, or approximately 2.1 percent of FY 2016 revenues.

The following chart shows the deposits to and withdrawals from the BRTF, the fund’s fiscal year-end balances, and the fiscal year-end balance as a percent of general fund revenues.

| Fiscal Year | Deposits | Withdrawals | Ending Balance | As a Percent of Revenues |
|-------------|-------------|-------------|----------------|--------------------------|
| 1995 | 10,000,000 | | 100,000,000 | 2.0 |
| 1996 | 100,000,000 | | 200,000,000 | 3.8 |
| 1997 | 0 | | 200,000,000 | 3.6 |
| 1998 | 0 | | 200,000,000 | 3.4 |
| 1999 | 30,533,000 | | 230,533,000 | 3.8 |
| 2000 | 8,750,400 | | 239,283,400 | 3.8 |
| 2001 | 39,337,536 | 38,789,073 | 239,831,863 | 3.6 |
| 2002 | 182,520 | 240,014,383 | 0 | 0 |
| 2003 | 5,087,400 | | 5,087,400 | 0.1 |
| 2004 | 49,677,429 | 4,000,000 | 50,764,829 | 0.7 |
| 2005 | 13,277,315 | 35,277,300 | 28,764,844 | 0.4 |
| 2006 | 90,250,256 | | 119,015,100 | 1.4 |
| 2007 | 112,474,636 | | 231,489,736 | 2.7 |
| 2008 | 0 | 16,714,300 | 214,775,436 | 2.6 |
| 2009 | 11,349,722 | 219,000,000 | 7,125,158 | 0 |
| 2010 | 0 | 7,125,158 | 0 | 0 |
| 2011 | 0 | | 0 | 0 |
| 2012 | 121,722,555 | | 121,722,555 | 1.4 |
| 2013 | 0 | | 121,722,555 | 1.3 |
| 2014 | 25,600,851 | 70,229,470 | 77,093,936 | .8 |
| 2015 | 0 | 0 | 77,093,936 | .8 |
| 2016 | 146,014,310 | 13,661,200 | 209,447,046 | 2.1 |

Source: Office of the State Budget Director. Staff calculations.

¹ Fitch Ratings, *US State Government Tax Supported Rating Criteria*, August 14, 2012.

**POLICY RECOMMENDATION
STATE AGENCY MAINTENANCE POOLS**

The Capital Planning Advisory Board recommends that in each biennium sufficient funding be appropriated for the agency miscellaneous maintenance pools to allow agencies to address maintenance projects in order to protect taxpayer investment in the state’s physical plant.

The board further acknowledges that the appropriation of bond funds for agency maintenance pools has had the positive effect of allowing agencies to undertake needed maintenance projects that otherwise would have required line-item budget authorization. However, this funding reduces the flexibility of agencies to undertake small projects that do not meet the 20-year useful life requirement for bond funding. As such, despite its benefits, bond funding should not be used to the exclusion of the traditional cash funding.

Miscellaneous maintenance pools appropriated to state agencies are used primarily for both planned and unanticipated projects (maintenance, minor construction, etc.) costing less than the threshold requiring line-item authorization in the biennial budget bill (\$600,000). Funding for these pools has been as follows:

| <u>Biennium</u> | (\$ millions) | | |
|-----------------|---------------|--------------|--------------|
| | <u>Cash</u> | <u>Bonds</u> | <u>Total</u> |
| 2000-02 | \$28.8 | \$0 | \$28.8 |
| 2002-04 | 25.4 | 0 | 25.4 |
| 2004-06 | 17.7 | 13.2 | 30.9 |
| 2006-08 | 19.6 | 10.0 | 29.6 |
| 2008-10 | 16.2 | 14.0 | 30.2 |
| 2010-12 | 7.3 | 18.5 | 25.8 |
| 2012-14 | 9.02 | 22.5 | 31.5 |
| 2014-16 | 7.05 | 26.5 | 33.5 |

**Figures account for miscellaneous maintenance pools and do not reflect pools for specific categories of needs (e.g., handicapped access, roofs, chillers) or nonconstruction items (e.g., equipment maintenance).*

The Capital Planning Advisory Board has long identified adequate amounts for agency miscellaneous maintenance pools as a top priority for funding in the biennial budget. These small expenditures can keep small items from escalating into major maintenance or renovation needs. Despite significant increases in construction costs over the last several years, and the maintenance needs of aging state facilities, total funding has increased little. For the

2016-2018 biennium, state agencies identified the need for \$97 million to address miscellaneous maintenance needs.

As a long-standing executive and legislative policy, Capital Construction Investment Income has been the source of state funding used to support agency maintenance pools. Investment Income is cash from interest earned on the investment of moneys appropriated to capital construction accounts, trust and agency accounts, and trust and agency revolving accounts that are not otherwise dedicated.

The 2014-2016 Executive Budget includes bond-funded agency maintenance pools for the Department of Military Affairs; the Finance and Administration Cabinet; the Cabinet for Health and Family Services; the Department of Corrections, within the Justice and Public Safety Cabinet; and the Department of Parks, within the Tourism, Arts, and Heritage Cabinet. Because this long-term financing was used, the budget also directed that maintenance pool funds be used for projects costing more than the line-item authorization threshold. Such projects must be reported to the Legislative Research Commission Capital Projects and Bond Oversight Committee.

Project Recommendations



2016-2022

Statewide Capital Improvements Plan

- **Projects To Be Financed From State Funds**
- **Projects To Be Financed From Other Than State Funds**

Project Recommendations Projects To Be Financed From State Funds

Recommendation

The Capital Planning Advisory Board believes that good stewardship of assets acquired with revenues from the taxpayers requires that those assets owned by the commonwealth be adequately maintained in order to continue providing services to the citizens of Kentucky. Adequately maintaining those residential facilities that house the state's most vulnerable citizens (such as hospitals and treatment facilities) is particularly important.

The board recognizes that many other needed and worthwhile projects have been proposed by the state agencies and postsecondary institutions. However, the following recommendations reflect the desire to emphasize the priority the board believes should be placed on appropriately maintaining existing facilities and equipment.

In making its project recommendations, the board has traditionally emphasized that, as a planning body, its focus should be on the priority and need to be addressed rather than on the specific details of each project (such as cost). The recommendation for projects to be financed with state funds in the 2016-2018 Executive Budget continues that approach.

Statutory Capital Funding Pools/Programs

The board believes that maintenance of existing state facilities should be recognized as the highest priority in the 2016-2022 capital plan. As such, the board recommends that funds be appropriated to each of the three pools established in KRS Chapter 45 to address capital project needs throughout state government. The amount recommended is consistent with the Finance and Administration Cabinet request of \$12,500,000 for the FY 2016-2018 biennium. The pools are:

- the Capital Construction and Equipment Purchase Contingency Account, which is used primarily to address cost overruns on authorized projects;
- the Emergency Repair, Maintenance, and Replacement Fund, which is used to address unanticipated projects needed to prevent or minimize injury or damage; and
- the Statewide Deferred Maintenance Fund, which is a supplemental funding source to address deferred maintenance or government mandate needs primarily for agencies that have inadequate maintenance funds.

State Agency Maintenance Pools For Construction Needs

The board recommends that maintenance pool appropriations for all agencies be significantly increased in the 2016-2018 biennium. In a separate policy recommendation, the board has reiterated its belief in the importance of the state agency maintenance pools to finance minor planned and unanticipated construction project needs (usually costing less than \$600,000

each). In their 2016-2022 capital plans, the agencies have identified the need for approximately \$259 million for maintenance pools over the 6-year period. In the first biennium, the request for maintenance pool funding totals \$97 million. This is significantly more than has been appropriated for this purpose in past biennia.

State Agency Equipment Maintenance Pools And Replacement Schedules

The board also recommends that funds be provided, as appropriate, for equipment and systems maintenance pools. Similar to the need to protect the state's investment in facilities, various agencies that are responsible for major equipment assets of the state need the ability to address ongoing maintenance needs of those items. This would include aircraft and communications equipment. The board further recommends that funding be appropriated on a regular basis to allow agencies to establish and adhere to equipment replacement schedules so that replacement and upgrade needs can be addressed on a periodic basis, rather than accumulating until a major infusion of funds is required.

Long-Range Plan For Housing State Agencies In The Frankfort Area

The board commends the Department for Facilities and Support Services in the Finance and Administration Cabinet on its continuing progress toward implementing the plan developed in response to KRS 42.425 to reduce the amount of space leased to house state agencies in Franklin County. That plan later evolved to include addressing functional obsolescence issues of various existing major state buildings in Frankfort. This progress has been accomplished through a combination of approaches including state-funded new construction, state-funded renovations, and long-term financing arrangements.

The board also requests that the department continue to address reducing the amount of space leased by state government in other locations around the state. This action is consistent with KRS 42.425(2)(b)2 which directs the development of long-range plans for housing state agencies in metropolitan areas.

Grant And Loan Programs

Various agencies have proposed significant funding in 2016-2018 for programs that would provide assistance, through a competitive application process, to nonstate entities. Included are programs of the Cabinet for Economic Development, the Department for Local Government, the Kentucky Infrastructure Authority, and the School Facilities Construction Commission. Because of the limited resources available and the significant needs in other areas of government, the board urges that decision makers carefully analyze existing fund balances/carry forwards prior to authorizing additional appropriations for these programs.

Specific Project Recommendations

The board also recommends various other specific projects in the categories of construction to protect investment in plant (maintenance/renovation), information technology, and new construction.

In addition to the pools to address minor projects and the statutory pools/programs, the board recommends funding for the following **maintenance/renovation projects** (costing \$600,000 or more each) to protect the state's significant investment in its physical plant:

(This list is in alphabetical order; it does not reflect a prioritized ranking.)

Building Roof/Wall/Window Repair & Replacement (Phase 1)–Department of Parks
Electrical and Telecommunications Upgrade Western State Hospital–Cabinet for Health and Family Services
Expand Kentucky Veterans Cemetery Central–Department of Veterans Affairs
Facilities Renewal and Modernization Project–University of Kentucky
HVAC Replacement Project CHR Building–Finance and Administration Cabinet
Kentucky Exposition Center Roof Repair–State Fair Board
Kentucky School for the Blind Howser Hall Renovation–Department of Education
Renovate Combs Classroom Building–Morehead State University
Renovate Moore Building–Eastern Kentucky University
Renovate Natural Science Building–University of Louisville
Replace Underground Infrastructure Steam/Electric–Western Kentucky University
School of Nursing–Kentucky State University
Stabilization of Dorm 8 Kentucky State Reformatory–Department of Corrections
Upgrade Campus Electrical Distribution System–Murray State University
Upgrade Campus Fire and Security Systems–Morehead State University

Investments in **information technology** have become increasingly important as the state seeks to deliver services in an efficient and effective manner. As such, the board recommends the following information technology projects for funding in the 2016-2018 budget:

(This list is in alphabetical order; it does not reflect a prioritized ranking.)

Cable Infrastructure Planning and Implementation–Department of Parks
Child Support System (KASES III)–Cabinet for Health and Family Services
Commonwealth College (HB 265) Technology System–Council on Postsecondary Education
Enhance Network/Infrastructure Resources (Additional funding)–Morehead State University
Enterprise Document Management Project–Commonwealth Office of Technology
Expand, Upgrade Campus Data Network–Eastern Kentucky University
Kentucky Business One Stop Phase 3–Finance and Administration Cabinet
Kentucky Human Resources Information System–Court of Justice
KREF System Modernization–Kentucky Registry of Election Finance
Purchase Research Computing Infrastructure–University of Louisville
Upgrade and Expand Distance Learning–Morehead State University

Upgrade Campus Network–Murray State University
Upgrade Information Technology Infrastructure–Kentucky State University
Upgrade Information Technology Infrastructure–Western Kentucky University
Upgrade Kentucky Offender Management Systems (Additional funding)–Department of Corrections
Vehicle/Mobile Radio Replacement–Kentucky State Police
Vital Statistics Phase I Digitized System–Department of Public Health

Recognizing that **new construction** may also be needed to facilitate the delivery of state services, the board recommends the following for funding in the 2016-2018 budget:

(This list is in alphabetical order; it does not reflect a prioritized ranking.)

Commonwealth Energy Management and Control System–Finance and Administration Cabinet
Construct Bowling Green Veterans Center–Department of Veterans Affairs
Construct Center for Excellence in Education for Performing Arts–Morehead State University
Construct College of Education Complex–Eastern Kentucky University
Construct Four 3-Bed Homes Pilot-Central Region–Cabinet for Health and Family Services
Construct Instructional Building at Health Sciences Campus–University of Louisville
Construct New Academy Firing Range–Kentucky State Police
Construct New Gordon Ford College of Business–Western Kentucky University
Convert Existing Army Aviation Support Facility to Armory/Administrative Facility–
Department of Military Affairs
Expand Herrmann Science Center–Northern Kentucky University
Expand Pikeville Campus Big Sandy Community and Technical College (Additional funding)–
Kentucky Community and Technical College
Mason County Court Facility Repair Project–Court of Justice
Renovate Medical Examiner’s Office and Jefferson Lab–Justice and Public Safety Cabinet
Roof Repair and Replacement Pool–Kentucky State University
Simpson County Court Facility Repair Project–Court of Justice

Note: The following project descriptions reflect the brief description/justification narratives provided by the agencies in their capital plans.

**Maintenance/Renovation
(Construction To Protect Investment In Plant)**

Building Roof/Wall/Window Repair and Replacement (Phase 1)

Department of Parks **\$4,500,000**

This project would replace or repair various Department of Parks building envelope components. It is critical that the Department of Parks begin a phased program of replacing these components, starting with the oldest and most degraded components first. Many park buildings are over 60 years old with roofs, windows, siding and stonework in need of replacement or repair. Numerous park buildings have leaking roofs that are beyond 30 years old which are causing deterioration, damage, and electrical safety issues.

Electrical and Telecommunications Upgrade Western State Hospital

Cabinet for Health and Family Services **\$11,770,000**

This project will address life safety concerns and electrical code deficiencies at Western State Hospital. Due to the expense and complicated nature of the project, it will take multiple years to complete. Phase 1 is estimated to cost \$4,867,500, Phase 2 will cost \$3,272,500, and Phase 3 will cost \$3,630,000. The primary life safety concerns and code deficiencies will not be alleviated until the completion of Phase 3.

Expand Kentucky Veterans Cemetery Central

Department of Veterans Affairs **\$4,471,000**

This project will add approximately 3,500 burial plots, 800 wall niches to the columbarium wall, and 300 burial plots for in-ground cremations. Without the expansion, space for existing burial plots will be depleted by 2020 and space for in-ground cremations and the columbarium wall will be depleted in 2021.

Facilities Renewal and Modernization Project

University of Kentucky **\$250,000,000**

This project will address many facilities on campus that require modernizing as well as much-needed maintenance that has been deferred for several years. The project establishes a pool of funds to address such items and includes projects that cost \$600,000 or more. *[This project is included in this plan with the understanding that prior to the submission by the Governor of his proposed 2016-2018 Budget of the Commonwealth, the University of Kentucky will provide to the Capital Planning Advisory Board and the Chairmen of the Appropriations and Revenue Committee, a list of the proposed buildings that will be addressed from this pool authorization. The university is currently in the process of completing a condition analysis and needs assessment with respect to this project. The results are not yet final but will be completed before the final list is submitted.]*

HVAC Replacement Project CHR Building

Finance and Administration Cabinet

\$4,500,000

This project will include the replacement of variable air volume boxes and controllers to tie into the CHR building automation system. The project will also include the replacement of unit heaters under the second floor soffits. Some additional upgrades to the building automation system will be included.

Kentucky Exposition Center Roof Repair

Kentucky State Fair Board

\$25,000,000

This project will repair Kentucky Exposition Center roofs damaged in the April 2012 hailstorm. Due to an insurance dispute, the roofs have not been repaired and are actively leaking.

Kentucky School for the Blind Howser Hall Renovation

Department of Education

\$5,000,000

This project will renovate Howser Hall and allow the Kentucky School for the Blind to serve all students across Kentucky. Howser Hall needs a total replacement and upgrade of its plumbing and mechanical systems. It needs structural repairs to prevent moisture intrusion, roof deck and joist replacement, and due to a previous mold remediation project, there are several sections of ceiling that need to be replaced.

Renovate Combs Classroom Building

Morehead State University

\$45,050,000

The Bert T. Combs Building houses the College of Business and most of the Department of English. This project will provide improved instructional facilities and extend the useful life of the facilities. The existing structure is in need of major renovation as no substantial renovation has been done in the 54 years since the facility was built.

Renovate Moore Building

Eastern Kentucky University

\$30,000,000

This project will renovate the Moore Building built in 1968. The building comprises 115,474 square feet, and houses the remainder of the Sciences program. This space may be reassigned to the social sciences, which are now located in several buildings on campus, including the Miller Beckham McCreary complex. This complex, Miller Beckham McCreary, is poorly suited for classrooms and offices, is not handicapped accessible, and is ill-suited for accessibility conversion. The vacated building will need to be renovated to convert existing lab space to functioning classroom space. The renovation will allow an estimated additional 32 classrooms.

Renovate Natural Science Building

University of Louisville

\$29,843,000

This authorization allows the renovation of classrooms, teaching labs, and departmental and faculty offices for mathematics, physics, and geology. The project will include renewal of the building exterior including window, door and roof replacement, and site and accessibility improvements. Interior renovations will include reconfiguration and modernization of existing space with replacement of the HVAC, plumbing, electrical, lighting, and energy management systems to make the facility compliant with current life safety and building codes. Updated classroom and teaching lab space is an extremely high priority.

Replace Underground Infrastructure–Steam/Electric

Western Kentucky University

\$30,000,000

This project continues the multiyear, multiphased replacement of the existing 5KV underground electrical distribution infrastructure; campus underground steam lines; and underground domestic water, sanitary sewer, and storm lines. Because of delays in funding, continued deterioration of the existing infrastructure, and the rapid growth of the campus, it has become necessary to complete the upgrade in one combined project to avoid a catastrophic failure of the respective systems.

School of Nursing

Kentucky State University

\$13,014,000

Current needs of the School of Nursing program exceed space in the existing Betty White Health Building. Expansion and renovation is required. A multipurpose and functional space is needed that includes laboratory space, a learning laboratory configured as a virtual hospital with high-fidelity simulators, debriefing rooms, student study spaces, and classrooms and teaching space in addition to a suite of offices that can be utilized for student advisement, conference space, and faculty work space. The School of Nursing is poised to grow exponentially with the further development of current academic programs and the addition of new academic programs. The Doctor of Nursing Practice (BSN-DNP) program is one such program.

Stabilization of Dorm 8 Kentucky State Reformatory

Department of Corrections

\$4,155,000

This project includes replacement of the exterior masonry, incorporating a cavity wall to address both moisture issues and structural integrity. It also replaces the rusted-out windows, HVAC system, and the deteriorated and leaking roof. Dorm 8 is one of the original dormitories from the late 1930s. In September 2014 this dorm had a collapse of a section of the exterior masonry, and a structural engineer is currently assessing the building on a quarterly basis.

Upgrade Campus Electrical Distribution System

Murray State University

\$16,494,000

This upgrade to the main campus electrical distribution system includes upgrading the Central Plant Substation to replace 40-year-old equipment. The project would also replace transformers, switches, and underground cable/conduit and related equipment to ensure the reliability of the campus electrical system.

Upgrade Campus Fire and Security Systems

Morehead State University

\$2,670,000

This project includes replacement/upgrades to the current fire alarm systems with addressable and upgradable systems that are ADA compliant and support voice evacuation and remote accessibility. All fire control panels need to be relocated to easily accessible areas. The project also includes the addition and expansion of audio and Internet Protocol emergency alert systems. The project includes replacement and expansion of the campus video surveillance and electronic door access systems based on recommendations from the Security Assessment Report.

Information Technology Projects

Cable Infrastructure Planning and Implementation

Department of Parks

\$6,000,000

This project will document the location and condition of communications cable (telephone cable and fiber data cable) and coax cable (TV), underground and aerial. This project will also document details and conditions of wiring closets for communications and TV cable for resort parks and select recreation parks. The cable shall be replaced with a data grade cable capable of VOIP and high-speed transmission.

Child Support System (KASES III)

Cabinet for Health and Family Services

\$58,000,000

This project will upgrade and migrate KASES legacy mainframe processing to a Web platform, incorporate new technologies, automate manual business processes, and provide automated workflow and enforcement capabilities to child support enforcement users.

Commonwealth College (House Bill 265) Technology System

Council on Postsecondary Education

\$4,000,000

House Bill 265, 2012-2014 Budget of the Commonwealth, directed the Council on Postsecondary Education, in consultation with the public postsecondary institutions, to implement the Adult Learner Degree Attainment Initiative, which would focus on the large numbers of working adults who would benefit from postsecondary education. Implementation of this statewide initiative will require extensive use of Internet-based instruction and customer relationship management.

Enhance Network/Infrastructure Resources (Additional funding)

Morehead State University

\$3,000,000

This project is an additional request for funds to the previously authorized project Enhance Network/Infrastructure Resources, and includes multiple items and systems related to the maintenance and improvements to the campus network infrastructure and systems.

Enterprise Document Management Project

Commonwealth Office of Technology

\$19,104,000

This project will develop a document management solution for executive branch agencies. The new system will allow for the creation of electronic forms and provide scanning services for existing records that would eliminate the necessity for paper documents.

Expand, Upgrade Campus Data Network

Eastern Kentucky University

\$13,212,000

This equipment will expand the university's computing networking components. This project relates to the 2002-2004 authorized project in that it is an expansion of the current computer networking component so that eventually the entire campus will be networked for voice, video, and data. The upgrades are a continuous cycle as advancements in technology occur. With the use of single-mode fiber optics, wireless, and other network-related equipment, the university will be able to improve redundancy in key areas of the infrastructure, accommodate new and exciting technologies, and provide more services seamlessly throughout the campus.

Kentucky Business One Stop Phase 3

Finance and Administration Cabinet

\$12,000,000

The project provides a single, unified point of entry to government services for businesses to register, file, pay, and interact online with government agencies to satisfy their business obligations to the state. The Phase 3 request will address two key areas: (1) enhancement of business services to state agencies and expansion of tax filing and permits information for the Department of Revenue and other agencies; and (2) expanding the use of master data (critical business data of the Commonwealth of Kentucky), for securing, creating, storing, and maintaining additional enterprise reference data.

Kentucky Human Resources Information System

Court of Justice

\$600,000

The Kentucky Court of Justice, in its efforts to update the human resources process, will move into full operations of KHRIS. The executive branch of the commonwealth began processing all personnel and payroll in KHRIS in 2011. During that time, the Court of Justice began processing payroll through KHRIS because the previous payroll system for the executive branch, which the Court of Justice utilized, was replaced. To streamline personnel and payroll systems, the Court of Justice will enter into an agreement with the Personnel Cabinet and fully implement all aspects of the KHRIS System at a total cost of \$600,000. This cost will include four deliverables; blueprint, sandbox/development, and unit testing of the Administrative Office of the Courts time interface, and parallel payroll runs, which are done simultaneously during the back-to-back payroll run process prior to Go Live.

KREF System Modernization

Kentucky Registry of Election Finance

\$1,836,000

This project would modernize the system, improve efficiency of the office, and enable the agency to process and manage voluminous amounts of campaign finance information entered into the system. A modernized system would enable KREF staff to change their focus from being data entry keyers of campaign finance information to reviewers of it, and assure the agency fulfills its statutory mandate.

Purchase Research Computing Infrastructure

University of Louisville

\$7,000,000

This equipment will enhance the research computing infrastructure by providing Unix clusters, supercomputers, data management systems, visualization systems, grid resources, storage, and networking to support the research mission and activities of the university.

Upgrade and Expand Distance Learning

Morehead State University

\$1,700,000

This project would provide upgrades, replacement, and expansion of the compressed video and multimedia classroom equipment on the main campus and at the regional campus centers in support of institutional initiatives from all academic programs.

Upgrade Campus Network

Murray State University

\$3,162,000

This project will allow Murray State University to upgrade the existing campus data network that was installed in 2003.

Upgrade Information Technology Infrastructure

Kentucky State University

\$10,000,000

This project will upgrade and expand the university's fiber and wireless networks. The project will also create a fully wireless campus where the network can be accessed by students, faculty, staff, alumni, and visitors anywhere and anytime while on campus.

Upgrade Information Technology Infrastructure

Western Kentucky University

\$6,000,000

This project will upgrade the infrastructure to handle escalating bandwidth demands resulting from increased enrollment, large data transfers, streaming media, and the addition of campus-wide wireless capability.

Upgrade Kentucky Offender Management Systems (Additional funding)

Department of Corrections

\$1,330,000

This project, funded in the 2014-2016 budget, merged three offender databases. The department seeks to complete upgrades for the system. Additionally, the department seeks to develop interfaces with other agencies.

Vehicle/Mobile Radio Replacement

Kentucky State Police

\$2,550,000

This project would replace vehicle/mobile radios used by field based personnel for daily communications. The current radio system and associated equipment is approximately 20 years old and many of the radios are deteriorating. Replacement parts for repairs are becoming more difficult to obtain.

Vital Statistics Phase I Digitized System

Department of Public Health

\$2,700,000

This project will design, develop, and implement a digitized system with the functionality of retrieving electronic records. This project will create the technology and acquire the necessary hardware, licenses and other critical elements needed to implement an electronic data capture system for new records certified by the Office of Vital Statistics. Implementation of this phase will enable future records to be scanned and digitized at the time they are generated.

Other Construction (New)

Commonwealth Energy Management and Control System

Finance and Administration Cabinet

\$5,200,000

This project will continue to implement CEMCS, which will support a more global ability to monitor, measure, report, and ultimately conserve energy consumption throughout all implemented facilities statewide.

Construct Bowling Green Veterans Center

Department of Veterans Affairs

\$30,000,000

This project will construct a 90-bed veterans nursing home in Bowling Green using the community living concept. Approximately 20 acres at the Kentucky Intermodal Transpark will accommodate the new 140,000-square-foot facility. The proposed project will primarily serve 17 counties with an underserved veteran population of over 28,000 and a secondary service area of seven counties with more than 14,000 veterans.

Construct Center for Excellence in Education for Performing Arts

Morehead State University

\$65,502,000

This project will construct a new academic music building to house the Department of Music and Center for the Performing Arts. The new 200,000-square-foot building replaces the 63,375-square-foot outdated and unsuitable Baird Music Hall and adds needed instructional and performance spaces to serve the current program and accommodate future growth.

Construct College of Education Complex

Eastern Kentucky University

\$83,455,000

This project consolidates the College of Education, which is housed in 10 campus buildings, into a new single facility designed to provide an environment in which education majors will study in modern classrooms, experience applied teaching methodologies, and have opportunities for in-situ research. According to the VFA report, the Donovan model school is 45 years old. It consists of single-story wings and two-story wings, which provide a complete elementary, middle, and secondary school experience. Most lab schools have stopped functioning, but this school continues to serve ECU well. The building will be difficult to convert to other uses effectively. This building takes up a lot of valuable land at a low floor area ratio. Demolition and replacement seems an appropriate course. With renovation, the other areas used by the College of Education can be repurposed for other uses.

Construct Four 3-Bed Homes Pilot-Central Region

Cabinet for Health and Family Services

\$4,100,000

The pilot project involves construction or acquisition of four three-bedroom community homes designed to house 12 developmentally disabled individuals. Each home will consist of approximately 2,800 square feet. Adequate 24-hour staffing will be provided to ensure the safety and success of all individuals living within the homes. If the pilot receives favorable review from a monitoring and evaluation system, additional group homes will be built or acquired in the Jefferson County community and other counties throughout the commonwealth. Acquisition of homes and land would require renovations of existing buildings or newly constructed buildings to meet the demands of increased community care.

Construct Instructional Building at Health Sciences Campus

University of Louisville

\$71,730,000

This project will construct new instructional space while renovating existing areas within the Health Sciences Center (HSC) Instructional Building along with the Kornhauser Library. The following scope is planned: construction of an in-fill building of approximately 80,000 gross square feet, connected to the existing HSC Instructional Building and the Kornhauser Library. The new facility will provide space to relocate existing teaching programs, and provide areas of expansion. Areas vacated within the existing HSC Instructional Building will be subsequently renovated, along with the Kornhauser Library, to efficiently utilize current building assets to support teaching programs. The newly constructed building will seamlessly connect to the existing HSC Instructional Building and library to provide continuity between the teaching areas, and to enhance the academic experience.

Construct New Academy Firing Range

Kentucky State Police

\$2,600,000

This project will construct a 35,000-square-foot indoor firing range at the Kentucky State Police Academy in Frankfort.

Construct New Gordon Ford College of Business

Western Kentucky University

\$97,200,000

Phase 2 will construct a new 144,000-square-foot facility to house the Gordon Ford College of Business. The new building will support both undergraduate and graduate programs to meet the escalating need for professional business education. The building has been sited on an existing parking lot. The current schematic design will provide a state-of-the-art facility for the next generation of business leaders in finance, accounting, management, marketing and sales, economics, and information systems. The site selected for this project is well situated to be convenient for both undergraduate students and the outside business community. The new building will be more visible and is an ideal place where students, faculty, and professionals from the community can collaborate.

Convert Existing Army Aviation Support Facility to Armory/Administrative Facility

Department of Military Affairs

\$1,000,000

This project would convert the current Army Aviation Support Facility building into a facility that can be used as both a National Guard Armory and as administrative space to provide much-needed office space at Boone National Guard Center.

Expand Herrmann Science Center

Northern Kentucky University

\$85,000,000

The university has an urgent need for additional teaching and research labs for faculty and students in biology, chemistry, physics, geology, and engineering technology. A 106,000-square-foot addition to the 175,131-square-foot Herrmann Natural Science Center would be constructed.

**Expand Pikeville Campus Big Sandy Community and Technical College (Add'l funding)
Kentucky Community and Technical College System \$28,000,000**

Construct an approximately 67,000-gross-square-foot expansion of the Pikeville Campus of Big Sandy Community and Technical College to provide additional classroom space and a parking structure. There is currently no room for expansion, and the possibility of acquiring additional adjoining property is not feasible. The facility will be constructed on existing acreage and will be multistoried and include a parking structure to replace parking displaced by construction. Renovation of existing space will also be part of the project scope.

**Mason County Court Facility Repair Project
Court of Justice \$830,000**

The Mason County Judicial Center was completed in February 2000. The building has experienced roof leaks along with moisture penetration around the foundation of the entire building. The front facade is crumbling and the columns are rotten due to the moisture penetration. On the interior of the building, most ceiling tiles are water stained, drywall has buckled, and the ballistic glazing on every window on the back of the Judicial Center has failed. Annual General Fund Use Allowance - \$86,700.

**Renovate Medical Examiner's Office and Jefferson Lab
Justice and Public Safety Cabinet \$12,000,000**

This project will renovate a three-story building to house the Medical Examiner's Office and the Kentucky State Police Jefferson Lab. The building is on the campus of Central State Hospital, and is operated by the Cabinet for Health and Family Services. It has been unoccupied for at least 3 years and is in need of some repair. With extensive renovation, this building has been deemed suitable as an alternative space. This renovated space will allow for continued growth and provide sufficient space.

**Roof Repair and Replacement Pool
Kentucky State University \$2,860,000**

This pool will fund roof repair and replacement projects for older, deteriorating roofs. Some of the roofs to be repaired include the Exum facility, the Carroll Academic Services Building, and the Betty White Health Building. The total repair or replacement roof area is 140,627 square feet.

**Simpson County Court Facility Repair Project
Court of Justice \$2,298,000**

The Simpson County Judicial Center was completed in July 2004. The Simpson County Judicial Center has roof leak issues and water infiltration. It has been determined that a combination of issues have contributed to the leaks and the failure of fiber-reinforced plastic, caulking, and flashing used as materials for the roof and gutter system. Annual General Fund Use Allowance - \$231,900.

Project Recommendations **Projects To Be Financed From Other Than State Funds**

Recommendation

The board recommends that in authorizing projects to be financed 100 percent from other than state funds and for which the other funds may be used for discretionary purposes (e.g., postsecondary education restricted funds), a high priority should be assigned to projects to address life/safety and deferred maintenance needs for which state funds are not provided.

In addition, the board recommends that in authorizing projects to be financed 100 percent from other than state funds, the following factors should be taken into account:

- Will the project require the expenditure of significant additional state funds for its operation and maintenance?
- Will the project commit the state to fund significant costs to complete the project after the available other funds have been expended?
- Are there agency programs or operations also financed by the proposed fund source that would be jeopardized by the use of the funds for a capital project?

Background

Agency-submitted capital plans contain various projects to be financed 100 percent from sources other than the state general fund. These sources, which are defined below, include restricted funds, federal funds, road funds, agency bonds, and other funds. For the 2016-2022 planning period, projects totaling approximately \$11.3 billion have been proposed from these fund sources.

The postsecondary institutions are largest users of these fund sources with more than \$6.7 billion in proposed restricted fund projects and \$1.8 billion in agency bond projects for the 6-year period. Other agencies, such as the Department of Military Affairs (federal funds), the Commonwealth Office of Technology (restricted funds), the Department of Fish and Wildlife Resources (restricted funds), the Kentucky Lottery Corporation (other funds—agency generated), and the Transportation Cabinet (road funds), also rely on these sources.

For purposes of the Capital Planning Advisory Board's recommendations, these fund sources are defined as not being state funds. However, the General Assembly must authorize any funds used for capital projects during the biennial budget process.

Restricted funds are derived from licenses and fees, tuition, service charges, sales of goods or products, donations or grants from nonstate sources, and expendable receipts and earnings from trust programs. Revenues generated by the housing and dining systems of the postsecondary institutions are categorized as restricted funds. Restricted funds are collected by state agencies and restricted by statute or the budget bill for expenditure by the collecting agency.

Federal funds are received by state agencies in the form of grants, contracts, or other assistance from the federal government for specific purposes. Main recipients of federal funds for capital purposes have traditionally been agencies within the Justice and Public Safety Cabinet, the Department of Military Affairs, and the postsecondary institutions (primarily for equipment).

Road funds are derived from excise or license taxation relating to gasoline or other motor fuels products and other money collected by the Transportation Cabinet.

Agency bonds are derived from the issuance of debt for which principal and interest (debt service) is paid from restricted funds. This source of funds can be used by those agencies/projects that can identify a specific revenue stream to finance the debt service requirements for the bond issue.

Other funds may include cash from private contributions or gifts. This category is used primarily by the postsecondary institutions. The category has also been used to capture projects to be funded through privatization or other third-party financing arrangements.

Status Of Major State-Funded Construction Projects



**2016-2022
Statewide Capital Improvements Plan**

Status Of Major State-Funded Construction Projects

The chart below reflects the status of state general fund construction projects as of October 2015. All projects were authorized in a biennial budget.

| Agency/Project | Project Status |
|---|---------------------|
| <u>Executive Branch–Agencies</u> | |
| Department of Veterans Affairs | |
| Construct State Veterans Cemetery–Southeast Kentucky | Planning |
| Construct Fourth State Veterans Nursing Home–Hardin | In Construction |
| Energy and Environment Cabinet/Environmental Protection | |
| Maxey Flats Cap | In Construction |
| Finance and Administration Cabinet/Facilities and Support Services | |
| Council of State Governments Building Complex | In Construction |
| Electrical Distribution Upgrade–L & N Building | In Construction |
| Install Energy Management System Controls | Planning |
| Health and Family Services Cabinet | |
| Renovate Oakwood Specialty Clinic | In Construction |
| Western State Hospital–Electrical System Upgrade–Design | Design/Phase C |
| Justice and Public Safety Cabinet/Corrections | |
| West Kentucky Correctional Complex–Renovate Two Dorms | Complete 02/15 |
| Justice and Public Safety Cabinet/Kentucky State Police | |
| Demolition and Construction of Training Academy Building | Complete 03/15 |
| Tourism, Arts & Heritage Cabinet/KY Center for the Arts | |
| Roof Replacement project | Design/Phase C |
| Tourism, Arts, and Heritage Cabinet/Parks | |
| Cabin Creek Covered Bridge–Repair of Damage | Complete 02/14 |
| Jefferson Davis Monument Re-sealing | Design/Phase B |
| Kentucky Dam Village Roof Replacement and Repair | In Construction |
| Upgrade Guest Accommodations | Awaiting Initiation |
| Upgrade Wastewater System–Fort Boonesborough | Planning |
| Tourism, Arts, and Heritage Cabinet/State Fair Board | |
| Freedom Hall Sewer Line Replacement | Design/Phase A |
| Kentucky Fair and Exposition Center–Freedom Hall Repair project | In Construction |
| Kentucky International Convention Center Renovation and Expansion | Design/Phase B |

| Agency/Project | Project Status |
|----------------|----------------|
|----------------|----------------|

Postsecondary Education

Eastern Kentucky University

Construct Science Building–Phase II and IIIIn Construction

Kentucky Community and Technical College System

Construct Advanced Manufacturing Center–Bluegrass CTC.....In Construction

LLC Classroom/Lab Building..... Complete 04/14

Kentucky State University

Repair Boilers and Aging Distribution Lines.....Design/Phase A

Morehead State University

Renovate/Expand Student Services Facility..... Design/Phase B

Murray State University

Construct New Breathitt Veterinary Center.....In Construction

Construct/Complete New Science Complex–Final PhaseIn Construction

Replace Franklin HallIn Construction

Northern Kentucky University

Renovate Old Science/Construct Health Innovation Design/Phase B

University of Kentucky

Expand/Renovate/Upgrade Law Building Awaiting Initiation

Research Building.....Design/Phase A

University of Louisville

Construct Belknap Classroom/Academic BuildingDesign/Phase A

Western Kentucky University

Renovate Science Campus Phase IV Design/Phase B

Status Categories

Awaiting Initiation–For postsecondary institutions, the institution has not yet initiated the project through its internal procedures. For other projects, the agency for which the project was authorized has not yet contacted the Finance and Administration Cabinet.

Awarding Contract–from bid closing date until construction contract is finalized.

Bidding–from the time a solicitation for construction bids is issued until the bid closing date.

Design/Phase A–schematic design.

Design/Phase B–design development.

Design/Phase C–construction document development.

In Construction–from award of construction contract until substantial completion.

Planning–Process performed to establish the scope of the project, refine the objectives, and define the course of action required to attain the project objectives.

| Agency/Project | Project Status |
|----------------|----------------|
|----------------|----------------|

Judicial Branch

| | |
|--------------------------|-------------------|
| Adair County..... | Completed 02/2010 |
| Allen County..... | Completed 09/2012 |
| Boyd County..... | Completed 06/2009 |
| Bracken County..... | Completed 06/2013 |
| Breckinridge County..... | Completed 04/2012 |
| Campbell County..... | Completed 06/2012 |
| Carlisle County..... | Completed 04/2011 |
| Fleming County..... | Completed 01/2012 |
| Franklin County..... | Completed 12/2013 |
| Gallatin County..... | Completed 04/2008 |
| Garrard County..... | Completed 01/2012 |
| Grant County..... | Completed 02/2010 |
| Grayson County..... | Completed 05/2009 |
| Green County..... | Completed 03/2010 |
| Hancock County..... | Completed 07/2011 |
| Hart County..... | Completed 10/2008 |
| Henry County..... | *PDB established |
| Hopkins County..... | Completed 04/2012 |
| Jackson County..... | Completed 02/2010 |
| Laurel County..... | Completed 05/2010 |
| Lawrence County..... | Completed 11/2013 |
| Livingston County..... | Completed 12/2008 |
| Logan County..... | Completed 02/2010 |
| Marion County..... | Completed 07/2011 |
| Mercer County..... | Completed 03/2012 |
| Monroe County..... | Completed 06/2011 |
| Morgan County..... | Completed 04/2014 |
| Nicholas County..... | *PDB established |
| Owen County..... | Completed 08/2012 |
| Pendleton County..... | Completed 03/2010 |
| Pike County..... | Completed 08/2013 |
| Pulaski County..... | Completed 09/2010 |
| Robertson County..... | Completed 06/2009 |
| Rowan County..... | Completed 05/2011 |
| Russell County..... | Completed 07/2011 |
| Shelby County..... | Completed 12/2011 |
| Taylor County..... | Completed 10/2009 |
| Todd County..... | Completed 08/2012 |
| Trigg County..... | Completed 08/2009 |
| Washington County..... | Completed 01/2009 |
| Whitley County..... | Completed 10/2011 |
| Wolfe County..... | Completed 06/2012 |

**Project Development Board*

Comprehensive Listing Of Proposed Projects



**2016-2022
Statewide Capital Improvements Plan**

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Comprehensive Listing of Proposed Projects (2016-2018, 2018-2020, 2020-2022)

Following are listings of all capital construction projects, capital equipment, grant/loan programs, and information technology items and systems proposed for 2016-2018, 2018-2020, and 2020-2022 submitted by the agencies and postsecondary institutions to the Capital Planning Advisory Board.

There are four sets of project listings as follows:

- Projects Involving the General Fund (Cash/Bonds) - Projects are listed in priority order for 2016-2018 and in alphabetical order for 2018-2020 and 2020-2022.
- Projects Involving the Road Fund - Projects are listed in priority order for 2016-2018 and in alphabetical order for 2018-2020 and 2020-2022.
- Projects Involving Agency Bonds - Projects are listed in priority order for 2016-2018 and in alphabetical order for 2018-2020 and 2020-2022.
- Projects Not Involving the General Fund, Road Fund, or Agency Bonds - Projects are listed alphabetically for each biennium.

Project Type Codes

- C-O Construction-Other: Projects costing \$600,000 or more to create new space or expand existing space.
- C-PI Construction-Protect Investment in Plant: Projects costing \$600,000 or more to preserve or extend the useful life of an existing facility (maintenance/renovation) or to address life/safety issues or government mandates.
- GL Grants/Loans: State-administered programs included in the capital budget that provide financial assistance to nonstate agencies or entities such as economic and community development grant and loan projects, water and wastewater projects, school facilities, and flood control projects.
- IT Information Technology system: Related computer or telecommunications components, with a total cost of \$600,000 or more, to provide a functional system for a specific business purpose and containing one or more of the following: hardware, software, professional services, or digital data products.
- EQ Equipment: Items costing \$200,000 or more.

Fund Source Codes

- AB Agency Bonds
- FF Federal Funds
- GF General Fund (cash/bonds)
- LB Local Bonds (court projects, with state-funded use allowance payments)
- OT-LTF Other, Long-Term Financing (not involving state or agency bonds)
- OT-P Other, Private (cash)
- RF Restricted Funds
- TF Road Fund

Department for Local Government

Projects involving the General Fund (Cash/Bonds)

| <u>Priority #</u> | <u>Project</u> | <u>Type</u> | <u>Total Budget</u> | <u>General Funds</u> | <u>Other Funds/ Source(s)</u> |
|------------------------|-----------------------------|-------------|---------------------|----------------------|-------------------------------|
| <u>Cab</u> | <u>Ag</u> | | | | |
| 2016-2018 | | | | | |
| 1 | Flood Control Matching Fund | GL | 6,000,000 | 6,000,000 | |
| 2 | Renaissance on Main | GL | 5,000,000 | 5,000,000 | |
| 3 | Community Enhancement Funds | GL | 3,000,000 | 3,000,000 | |
| 2016-2018 Total | | | 14,000,000 | 14,000,000 | |
| 2018-2020 | | | | | |
| | Community Enhancement Funds | GL | 3,000,000 | 3,000,000 | |
| | Flood Control Matching Fund | GL | 6,000,000 | 6,000,000 | |
| | Renaissance on Main | GL | 5,000,000 | 5,000,000 | |
| 2018-2020 Total | | | 14,000,000 | 14,000,000 | |
| 2020-2022 | | | | | |
| | Community Enhancement Funds | GL | 3,000,000 | 3,000,000 | |
| | Flood Control Matching Fund | GL | 6,000,000 | 6,000,000 | |
| | Renaissance on Main | GL | 5,000,000 | 5,000,000 | |
| 2020-2022 Total | | | 14,000,000 | 14,000,000 | |
| Grand Total | | | 42,000,000 | 42,000,000 | |

Department of Education

Projects involving the General Fund (Cash/Bonds)

| <u>Priority #</u> <u>Cab Ag</u> | <u>Project</u> | <u>Type</u> | <u>Total Budget</u> | <u>General Funds</u> | <u>Other Funds/ Source(s)</u> |
|------------------------------------|---|-------------|---------------------|----------------------|-------------------------------|
| 2016-2018 | | | | | |
| 1 | Miscellaneous Maintenance Pool KDE | C-PI | 3,000,000 | 3,000,000 | |
| 2 | KSB Howser Hall Renovation | C-PI | 5,000,000 | 5,000,000 | |
| 3 | KSD New Elementary Building | C-PI | 6,000,000 | 6,000,000 | |
| 4 | KSB McDaniel/Scoggin Educational Building | C-PI | 1,000,000 | 1,000,000 | |
| 2016-2018 Total | | | 15,000,000 | 15,000,000 | |
| 2018-2020 | | | | | |
| | KSB Gym and Pool Renovation | C-PI | 1,000,000 | 1,000,000 | |
| | KSB Hartford Hall | C-PI | 1,000,000 | 1,000,000 | |
| | KSB Ritchie Building | C-PI | 2,000,000 | 2,000,000 | |
| | KSD Brady/Middleton Hall | C-PI | 1,000,000 | 1,000,000 | |
| | KSD Grow Hall | C-PI | 1,000,000 | 1,000,000 | |
| | KSD Lee Hall | C-PI | 4,000,000 | 4,000,000 | |
| | Miscellaneous Maintenance Pool KDE | C-PI | 3,000,000 | 3,000,000 | |
| 2018-2020 Total | | | 13,000,000 | 13,000,000 | |
| 2020-2022 | | | | | |
| | KSB Evans Hall | C-PI | 1,000,000 | 1,000,000 | |
| | KSB Gregory-Reis | C-PI | 1,200,000 | 1,200,000 | |
| | Miscellaneous Maintenance Pool KDE | C-PI | 3,000,000 | 3,000,000 | |
| 2020-2022 Total | | | 5,200,000 | 5,200,000 | |
| Grand Total | | | 33,200,000 | 33,200,000 | |

Projects NOT involving the General Fund (Cash/Bonds)

| <u>Priority #</u> <u>Cab Ag</u> | <u>Project</u> | <u>Type</u> | <u>Total Budget</u> | <u>General Funds</u> | <u>Other Funds/ Source(s)</u> |
|------------------------------------|----------------------|-------------|---------------------|----------------------|-------------------------------|
| 2016-2018 | | | | | |
| | Next Generation SEEK | IT | 1,760,000 | | 1,760,000 RF |
| 2016-2018 Total | | | 1,760,000 | | 1,760,000 |
| Grand Total | | | 1,760,000 | | 1,760,000 |

Explanation of Acronyms

- KDE Kentucky Department of Education
- KSB Kentucky School for the Blind
- KSD Kentucky School for the Deaf
- SEEK Support Education Excellence in Kentucky

Note: The Department of Education is not included in the prioritized listing submitted by the Education and Workforce Development Cabinet.

Department of Military Affairs

Projects involving the General Fund (Cash/Bonds)

| <u>Priority #</u> | <u>Project</u> | <u>Type</u> | <u>Total Budget</u> | <u>General Funds</u> | <u>Other Funds/Source(s)</u> | |
|------------------------|---|-------------|---------------------|----------------------|------------------------------|----|
| 2016-2018 | | | | | | |
| 1 | Armory Installation Facility Maintenance Pool | C-PI | 8,000,000 | 8,000,000 | | |
| 2 | Convert Existing AASF to Armory/Administrative Facility | C-O | 1,000,000 | 250,000 | 750,000 | FF |
| 3 | Replace HVAC System EOC Building Boone Center | C-PI | 1,100,000 | 550,000 | 550,000 | FF |
| 4 | Construct Records Holding Building Frankfort | C-O | 1,200,000 | 300,000 | 900,000 | FF |
| 5 | Renovation of Butler Building Property Phase II | C-O | 2,000,000 | 2,000,000 | | |
| 6 | Install Solar Panels at Armories Statewide | C-PI | 1,651,000 | 413,000 | 1,238,000 | FF |
| 7 | Construct MEDCOM Building Phase II | C-PI | 750,000 | 187,000 | 563,000 | FF |
| 8 | Construct Joint Mail Operations Center at BNGC | C-PI | 1,000,000 | 250,000 | 750,000 | FF |
| 9 | Construct Facility for NGB Public Affairs Unit | C-PI | 1,201,000 | 353,000 | 848,000 | FF |
| 10 | Construct Armory Addition Shelbyville | C-O | 2,201,000 | 550,000 | 1,651,000 | FF |
| 11 | Construct Armory Addition Leitchfield | C-O | 2,201,000 | 550,000 | 1,651,000 | FF |
| 12 | Construct Armory Addition Brandenburg | C-O | 2,201,000 | 550,000 | 1,651,000 | FF |
| 2016-2018 Total | | | 24,505,000 | 13,953,000 | 10,552,000 | |
| 2018-2020 | | | | | | |
| | Armory Installation Facility Maintenance Pool | C-PI | 9,720,000 | 9,720,000 | | |
| 2018-2020 Total | | | 9,720,000 | 9,720,000 | | |
| 2020-2022 | | | | | | |
| | Armory Installation Facility Maintenance Pool | C-PI | 11,720,000 | 11,720,000 | | |
| | Construct Field Maintenance Shop Glasgow/Bowling Green | C-O | 12,000,000 | 1,000,000 | 11,000,000 | FF |
| | Construct Joint Forces Headquarters Phase I BNGC | C-PI | 15,200,000 | 200,000 | 15,000,000 | FF |
| | Construct Physical Fitness Center BNGC | C-O | 1,000,000 | 250,000 | 750,000 | FF |
| 2020-2022 Total | | | 39,920,000 | 13,170,000 | 26,750,000 | |
| Grand Total | | | 74,145,000 | 36,843,000 | 37,302,000 | |

Department of Military Affairs (continued)

Projects NOT involving the General Fund, Road Fund, or Agency Bonds

| <u>Priority</u> <u>#</u> <u>Cab</u> <u>Ag</u> | <u>Project</u> | <u>Type</u> | <u>Total</u> <u>Budget</u> | <u>General</u> <u>Funds</u> | <u>Other Funds/</u> <u>Source(s)</u> |
|--|--|-------------|-------------------------------|--------------------------------|---|
| 2016-2018 | | | | | |
| | Bluegrass Station Facility Maintenance Pool | C-PI | 2,000,000 | 2,000,000 | RF |
| | Construct and Extend Electric Bluegrass Station | C-PI | 4,500,000 | 4,500,000 | RF/FF |
| | Construct Building 352 Bluegrass Station | C-PI | 7,000,000 | 7,000,000 | OT-LTF |
| | Construct CERF-P Building Phase II | C-PI | 950,000 | 950,000 | FF |
| | Construct Climate Control Bluegrass Station | C-PI | 2,000,000 | 2,000,000 | FF |
| | Construct Field Maintenance Shop 1 Conversion | C-PI | 3,300,000 | 3,300,000 | FF |
| | Construct Field Maintenance Shop 8 Conversion | C-PI | 3,300,000 | 3,300,000 | FF |
| | Construct Improve Sewer System Bluegrass Station | C-PI | 3,000,000 | 3,000,000 | RF |
| | Construct Multi-purpose Bldg Bluegrass Station | C-O | 15,000,000 | 15,000,000 | OT-LTF |
| | Construct Parking Improvements Bluegrass Station | C-PI | 3,200,000 | 3,200,000 | RF |
| | Construct Pre-engineered Buildings Bluegrass Station | C-O | 2,200,000 | 2,200,000 | RF |
| | Construct Qualification Training Range WHFRTC | C-O | 6,515,000 | 6,515,000 | FF |
| | Construct Replacement HRO Building Frankfort | C-O | 2,100,000 | 2,100,000 | RF/FF |
| | Construct Response Group Building KyANG Phase I | C-O | 7,200,000 | 7,200,000 | FF |
| | Construct Road Improvements Bluegrass Station | C-PI | 5,000,000 | 5,000,000 | RF |
| | Construct Rubble Training Area | C-O | 600,000 | 600,000 | RF |
| | Construct Solar Projects Bluegrass Station | C-O | 15,000,000 | 15,000,000 | RF |
| | Construct Structural Repairs Harrodsburg Armory | C-PI | 660,000 | 660,000 | RF/FF |
| | Construct Structural Repairs Walton Armory | C-PI | 660,000 | 660,000 | RF/FF |
| | Construct Support Building WHFRTC | C-PI | 825,000 | 825,000 | FF |
| | Construct Unit Training Equipment Site WHFRTC | C-PI | 12,000,000 | 12,000,000 | FF |
| | Demolish Combined Support Maintenance Building | C-PI | 825,000 | 825,000 | FF |
| | Demolish Obsolete Structures Bluegrass Station | C-O | 1,000,000 | 1,000,000 | RF |
| | Expand Vehicle Storage Bay WMD Building Louisville | C-O | 1,072,000 | 1,072,000 | FF |
| | Extension of Utilities WHFRTC | C-PI | 1,650,000 | 1,650,000 | FF |
| | Improve Access Roads Bluegrass Station | C-O | 1,000,000 | 1,000,000 | RF |
| | Install Backup Generators Bluegrass Station | C-PI | 4,000,000 | 4,000,000 | RF |
| | Install Solar Energy Photovoltaic Panels | C-PI | 4,311,000 | 4,311,000 | RF/FF |
| | Mitigate Vulnerabilities Bluegrass Station | C-PI | 5,000,000 | 5,000,000 | RF |
| | Perform Statewide ESPC Project Phase I | C-PI | 6,000,000 | 6,000,000 | OT-LTF |
| | Renovate Building 3A Bluegrass Station | C-PI | 4,000,000 | 4,000,000 | FF |
| | Replace and Repair Roofs Bluegrass Station | C-PI | 6,500,000 | 6,500,000 | RF |
| | Repurpose Central Steam Plant Bluegrass Station | C-PI | 3,000,000 | 3,000,000 | RF |
| | Upgrade Fire Protection Bluegrass Station | C-PI | 2,500,000 | 2,500,000 | RF |
| | Upgrade Security Infrastructure Bluegrass Station | C-PI | 1,500,000 | 1,500,000 | RF |
| | 2016-2018 Total | | 139,368,000 | 139,368,000 | |

Department of Military Affairs (continued)

Projects NOT involving the General Fund, Road Fund, or Agency Bonds

| <u>Priority #</u> <u>Cab Ag</u> | <u>Project</u> | <u>Type</u> | <u>Total</u> <u>Budget</u> | <u>General</u> <u>Funds</u> | <u>Other Funds/</u> <u>Source(s)</u> |
|------------------------------------|--|-------------|-------------------------------|--------------------------------|---|
| 2018-2020 | | | | | |
| | Bluegrass Station Facility Maintenance Pool | C-PI | 2,000,000 | | 2,000,000 RF |
| | Construct Aircraft Modify Building Bluegrass Station | C-O | 7,000,000 | | 7,000,000 OT-LTF |
| | Construct CERF-P Building Phase III | C-PI | 950,000 | | 950,000 FF |
| | Construct Contingency Lot Bluegrass Station | C-PI | 710,000 | | 710,000 RF |
| | Construct DLA Warehouse Bluegrass Station | C-O | 15,000,000 | | 15,000,000 OT-LTF |
| | Construct Exchange Facility Bluegrass Station | C-O | 800,000 | | 800,000 OT-LTF |
| | Construct Field Maintenance Shop Burlington | C-O | 8,000,000 | | 8,000,000 FF |
| | Construct General Warehouse Bluegrass Station | C-PI | 3,700,000 | | 3,700,000 OT-LTF |
| | Construct Green Projects Bluegrass Station | C-PI | 10,000,000 | | 10,000,000 RF |
| | Construct Response Group Building KyANG Phase II | C-O | 11,200,000 | | 11,200,000 FF |
| | Construct Training Center Bluegrass Station | C-O | 15,000,000 | | 15,000,000 OT-LTF |
| | Install Digital Fiber Bluegrass Station | C-PI | 1,500,000 | | 1,500,000 RF |
| | Perform Statewide ESPC Project Phase II | C-PI | 2,000,000 | | 2,000,000 OT-LTF |
| | Renovate Infrastructure Bluegrass Station Phase II | C-PI | 12,400,000 | | 12,400,000 RF |
| | Upgrade BGS Northern Area Infrastructure | C-PI | 5,000,000 | | 5,000,000 RF |
| | 2018-2020 Total | | 95,260,000 | | 95,260,000 |
| 2020-2022 | | | | | |
| | Bluegrass Station Facility Maintenance Pool | C-PI | 2,000,000 | | 2,000,000 RF |
| | Construct Armed Forces Ready Center Maysville | C-O | 12,000,000 | | 12,000,000 FF |
| | Construct Armed Forces Ready Center Middlesboro | C-O | 12,000,000 | | 12,000,000 FF |
| | Construct Armed Forces Reserve Center Bardstown | C-O | 12,000,000 | | 12,000,000 FF |
| | Construct Environmental and Recycle Building BNGC | C-PI | 3,000,000 | | 3,000,000 RF/FF |
| | Construct Fire House Expansion KyANG Louisville | C-O | 2,000,000 | | 2,000,000 FF |
| | Construct Fire Station Bluegrass Station | C-O | 2,500,000 | | 2,500,000 FF |
| | Construct Multi-purpose Warehouse BGS | C-O | 15,000,000 | | 15,000,000 OT-LTF |
| | Construct Readiness Center WHFRTC | C-O | 20,000,000 | | 20,000,000 FF |
| | Construct Runway Bluegrass Station | C-O | 24,000,000 | | 24,000,000 OT-LTF |
| | Perform Statewide ESPC Project Phase III | C-PI | 2,000,000 | | 2,000,000 OT-LTF |
| | Renovate Infrastructure Bluegrass Station Phase III | C-PI | 14,000,000 | | 14,000,000 RF |
| | 2020-2022 Total | | 120,500,000 | | 120,500,000 |
| | Grand Total | | 355,128,000 | | 355,128,000 |

Explanation of Acronyms

| | |
|--------|--|
| BGS | Bluegrass Station |
| BNGC | Boone National Guard Center |
| CERF-P | Chemical Enhanced Response Force Package |
| DLA | Defense Logistics Agency |
| ESPC | Energy Savings Performance Contract |
| HRO | Human Resources Office |
| KyANG | Kentucky Air National Guard |
| WHFRTC | Wendell H. Ford Regional Training Center |

Department of Veterans Affairs

Projects involving the General Fund (Cash/Bonds)

| <u>Priority #</u> | <u>Cab</u> | <u>Ag</u> | <u>Project</u> | <u>Type</u> | <u>Total Budget</u> | <u>General Funds</u> | <u>Other Funds/ Sources(s)</u> |
|------------------------|------------|-----------|--|-------------|---------------------|----------------------|--------------------------------|
| 2016-2018 | | | | | | | |
| 1 | | | KY Veterans Cemetery Central Expansion | C-PI | 4,471,000 | 447,000 | 4,024,000 FF |
| 2 | | | KY Veterans Cemetery West Columbarium Wall Expansion | C-PI | 625,000 | 62,000 | 563,000 FF |
| 3 | | | Thomson-Hood Veterans Center 2 Unit Renovation | C-PI | 6,740,000 | 2,359,000 | 4,381,000 FF |
| 4 | | | Construct Bowling Green Veterans Center | C-O | 30,000,000 | 10,500,000 | 19,500,000 FF |
| 2016-2018 Total | | | | | 41,836,000 | 13,368,000 | 28,468,000 |
| Grand Total | | | | | 41,836,000 | 13,368,000 | 28,468,000 |

Kentucky Higher Education Assistance Authority

Projects NOT involving the General Fund, Road Fund, or Agency Bonds

| <u>Priority #</u> | <u>Project</u> | <u>Type</u> | <u>Total Budget</u> | <u>General Funds</u> | <u>Other Funds/ Source(s)</u> |
|-------------------|-------------------------|-------------|---------------------|----------------------|-------------------------------|
| <u>Cab</u> | <u>Ag</u> | | | | |
| 2016-2018 | | | | | |
| | Mobile Outreach Vehicle | EQ | 400,000 | | RF |
| | 2016-2018 | | 400,000 | | 400,000 |
| | Grand Total | | 400,000 | | 400,000 |

Kentucky Infrastructure Authority

Projects involving the General Fund (Cash/Bonds)

| <u>Priority #</u> | <u>Cab</u> | <u>Ag</u> | <u>Project</u> | <u>Type</u> | <u>Total Budget</u> | <u>General Funds</u> | <u>Other Funds/ Source(s)</u> |
|------------------------|------------|-----------|--|-------------|---------------------|----------------------|-------------------------------|
| 2016-2018 | | | | | | | |
| 1 | | | KIA Fund F Drinking Water Revolving Loan Program | GL | 58,120,000 | 5,520,000 | 52,600,000 FF/AB |
| 2 | | | KIA Fund A Federally Assisted Wastewater Program | GL | 92,828,000 | 7,138,000 | 85,690,000 FF/AB |
| 3 | | | KIA Fund B Infrastructure Revolving Fund | GL | 10,000,000 | 10,000,000 | |
| 2016-2018 Total | | | | | 160,948,000 | 22,658,000 | 138,290,000 |
| 2018-2020 | | | | | | | |
| | | | KIA Fund A Federally Assisted Wastewater Program | GL | 92,828,000 | 7,138,000 | 85,690,000 FF/AB |
| | | | KIA Fund B Infrastructure Revolving Fund | GL | 10,000,000 | 10,000,000 | |
| | | | KIA Fund F Drinking Water Revolving Loan Program | GL | 58,120,000 | 5,520,000 | 52,600,000 FF/AB |
| 2018-2020 Total | | | | | 160,948,000 | 22,658,000 | 138,290,000 |
| 2020-2022 | | | | | | | |
| | | | KIA Fund A Federally Assisted Wastewater Program | GL | 92,828,000 | 7,138,000 | 85,690,000 FF/AB |
| | | | KIA Fund B Infrastructure Revolving Fund | GL | 10,000,000 | 10,000,000 | |
| | | | KIA Fund F Drinking Water Revolving Loan Program | GL | 58,120,000 | 5,520,000 | 52,600,000 FF/AB |
| 2020-2022 Total | | | | | 160,948,000 | 22,658,000 | 138,290,000 |
| Grand Total | | | | | 482,844,000 | 67,974,000 | 414,870,000 |

Explanation of Acronyms

KIA Kentucky Infrastructure Authority

Kentucky Lottery Corporation

Projects NOT involving the General Fund, Road Fund, or Agency Bonds

| <u>Priority #</u> | <u>Project</u> | <u>Type</u> | <u>Total</u> | <u>General</u> | <u>Other Funds/</u> |
|----------------------|--|-------------|------------------|------------------|---------------------|
| <u>Cab</u> <u>Ag</u> | | | <u>Budget</u> | <u>Funds</u> | <u>Source(s)</u> |
| 2016-2018 | | | | | |
| | Enterprise Resource Planning Upgrade | IT | 600,000 | 600,000 | OT-P |
| | Replace Sales Force Management Solution | IT | 700,000 | 700,000 | OT-P |
| | 2016-2018 Total | | 1,300,000 | 1,300,000 | |
| 2018-2020 | | | | | |
| | IBM iSeries System Upgrades | IT | 1,200,000 | 1,200,000 | OT-P |
| | Upgrade Website | IT | 600,000 | 600,000 | OT-P |
| | 2018-2020 Total | | 1,800,000 | 1,800,000 | |
| 2020-2022 | | | | | |
| | Data Processing, Telecomm, and Related Equipment | IT | 1,000,000 | 1,000,000 | OT-P |
| | 2020-2022 Total | | 1,000,000 | 1,000,000 | |
| | Grand Total | | 4,100,000 | 4,100,000 | |

Kentucky Registry of Election Finance

Projects involving the General Fund (Cash/Bonds)

| <u>Priority #</u> | <u>Project</u> | <u>Type</u> | <u>Total Budget</u> | <u>General Funds</u> | <u>Other Funds/ Source(s)</u> |
|-------------------|--|-------------|---------------------|----------------------|-------------------------------|
| 2016-2018 | | | | | |
| 1 | KY Registry of Election Finance System Modernization | IT | 1,836,000 | 1,836,000 | |
| | 2016-2018 Total | | 1,836,000 | 1,836,000 | |
| | Grand Total | | 1,836,000 | 1,836,000 | |

Kentucky River Authority

Projects NOT involving the General Fund, Road Fund, or Agency Bonds

| <u>Priority #</u> | <u>Project</u> | <u>Type</u> | <u>Total Budget</u> | <u>General Funds</u> | <u>Other Funds/ Source(s)</u> |
|-------------------|--------------------------------|-------------|---------------------|----------------------|-------------------------------|
| <u>Cab</u> | <u>Ag</u> | | | | |
| 2020-2022 | | | | | |
| | Design and Repair Dams 1 and 2 | C-PI | 1,000,000 | | 1,000,000 RF |
| | Design and Repair Dams 4 and 5 | C-PI | 947,000 | | 947,000 RF |
| | 2020-2022 | | 1,947,000 | | 1,947,000 |
| | Grand Total | | 1,947,000 | | 1,947,000 |

Projects involving Agency Bonds

| | | | | | |
|------------------|----------------------------------|------|-------------------|--|-------------------|
| 2016-2018 | | | | | |
| | Construct Lock and Dam 10 | C-O | 21,000,000 | | 21,000,000 AB |
| | Design and Repair Dam 6 | C-PI | 2,299,000 | | 2,299,000 AB |
| | Design and Repair Dam 7 | C-PI | 3,081,000 | | 3,081,000 AB |
| | 2016-2018 Total | | 26,380,000 | | 26,380,000 |
| 2018-2020 | | | | | |
| | Design and Repair Dam 12 | C-PI | 3,400,000 | | 3,400,000 AB |
| | Design and Repair Dam 13 | C-PI | 3,928,000 | | 3,928,000 AB |
| | Design and Repair Dams 11 and 14 | C-PI | 3,102,000 | | 3,102,000 AB |
| | 2018-2020 Total | | 10,430,000 | | 10,430,000 |
| | Grand Total | | 36,810,000 | | 36,810,000 |

Kentucky Teachers' Retirement System

Projects NOT involving the General Fund, Road Fund, or Agency Bonds

| <u>Priority #</u> | <u>Project</u> | <u>Type</u> | <u>Total Budget</u> | <u>General Funds</u> | <u>Other Funds/ Source(s)</u> |
|-------------------|--|-------------|---------------------|----------------------|-------------------------------|
| 2016-2018 | | | | | |
| | KTRS Pension Management System II | IT | 2,000,000 | | RF |
| | KTRS Pension Management System Modifications | IT | 5,000,000 | | RF |
| | 2016-2018 Total | | 7,000,000 | | 7,000,000 |
| 2020-2022 | | | | | |
| | KTRS Office Building | C-PI | 3,150,000 | | RF |
| | 2020-2022 Total | | 3,150,000 | | 3,150,000 |
| | Grand Total | | 10,150,000 | | 10,150,000 |

Explanation of Acronyms

KTRS Kentucky Teachers' Retirement System

Note: The Kentucky Teachers' Retirement System is not included in the prioritized listing submitted by the Education and Workforce Development Cabinet.

School Facilities Construction Commission

Projects involving the General Fund (Cash/Bonds)

| <u>Priority #</u> | <u>Cab</u> | <u>Ag</u> | <u>Project</u> | <u>Type</u> | <u>Total Budget</u> | <u>General Funds</u> | <u>Other Funds/ Source(s)</u> |
|-------------------|------------|-----------|-----------------------------|-------------|---------------------|----------------------|-------------------------------|
| 2016-2018 | | | | | | | |
| 1 | | | SFCC Bonding Continued 2018 | GL | 100,000,000 | 100,000,000 | |
| | | | 2016-2018 | | 100,000,000 | 100,000,000 | |
| 2018-2020 | | | | | | | |
| | | | SFCC Bonding Continued 2020 | GL | 100,000,000 | 100,000,000 | |
| | | | 2018-2020 Total | | 100,000,000 | 100,000,000 | |
| 2020-2022 | | | | | | | |
| | | | SFCC Bonding Continued 2022 | GL | 100,000,000 | 100,000,000 | |
| | | | 2020-2022 Total | | 100,000,000 | 100,000,000 | |
| | | | Grand Total | | 300,000,000 | 300,000,000 | |

Explanation of Acronyms

SFCC School Facilities Construction Commission

Note: The School Facilities Construction Commission is not included in the prioritized listing submitted by the Finance and Administration Cabinet.

State Treasurer

Projects involving the General Fund (Cash/Bonds)

| <u>Priority #</u> | <u>Project</u> | <u>Type</u> | <u>Total</u> | <u>General</u> | <u>Other Funds/</u> |
|----------------------|---|-------------|----------------|----------------|---------------------|
| <u>Cab</u> <u>Ag</u> | | | <u>Budget</u> | <u>Funds</u> | <u>Source(s)</u> |
| 2016-2018 | | | | | |
| | 2 Xerox Check Printers and 2 Fold Sealers | EQ | 200,000 | 200,000 | |
| | 2016-2018 Total | | 200,000 | 200,000 | |
| | Grand Total | | 200,000 | 200,000 | |

Cabinet for Health and Family Services

Projects involving the General Fund (Cash/Bonds)

| <u>Priority #</u> | <u>Cab</u> | <u>Ag</u> | <u>Project</u> | <u>Type</u> | <u>Total Budget</u> | <u>General Funds</u> | <u>Other Funds/ Source(s)</u> |
|------------------------|------------|-----------|---|-------------|---------------------|----------------------|-------------------------------|
| 2016-2018 | | | | | | | |
| 1 | 1 | | GAPS Maintenance Pool | C-PI | 14,136,000 | 14,136,000 | |
| 2 | 1 | | DBHDID Electrical & Telecom Upgrade Western State Hospital | C-PI | 11,770,000 | 11,770,000 | |
| 3 | 2 | | GAPS Child Support System KASES III | IT | 58,000,000 | 17,220,000 | 40,780,000 RF/FF |
| 4 | 2 | | DBHDID HVAC System Replacement Hazelwood | C-PI | 8,000,000 | 8,000,000 | |
| 5 | 3 | | GAPS Energy Management and CEMCS Support | C-PI | 1,000,000 | 1,000,000 | |
| 6 | 4 | | DPH Laboratory Equipment Replacement Pool | EQ | 500,000 | 500,000 | |
| 7 | 1 | | DPH Vital Statistics Phase I Digitized System | IT | 2,700,000 | 2,700,000 | |
| 8 | 2 | | DPH Vital Phase II Scan & Image Historical Records | IT | 7,320,000 | 7,320,000 | |
| 9 | 3 | | DPH Budget, Accounting and Reporting System | IT | 4,220,000 | 4,120,000 | 100,000 RF |
| 10 | 6 | | DBHDID Renovate/Replace Cottages Oakwood | C-PI | 14,500,000 | 14,500,000 | |
| 11 | 4 | | GAPS DAIL System Modernization | IT | 601,000 | 601,000 | |
| 12 | 5 | | DBHDID Upgrade/Renovate Western State Nursing Facility | C-PI | 5,853,300 | 5,853,300 | |
| 13 | 3 | | DBHDID Construct 4 Three-Bed Homes Pilot Central | C-O | 4,100,000 | 4,100,000 | |
| 14 | 4 | | DBHDID Community Based Psychiatric Facility Western Region | C-O | 63,000,000 | 63,000,000 | |
| 15 | 5 | | DPH Construct Vital Statistics Service Center & Vault | C-O | 5,550,000 | 5,550,000 | |
| 16 | 6 | | DPH Upgrade Local & District Health Department Infrastructure | C-O | 10,100,000 | 10,100,000 | |
| 2016-2018 Total | | | | | 211,350,300 | 170,470,300 | 40,880,000 |
| 2018-2020 | | | | | | | |
| | | | DBHDID Construct Forensic Hospital Complex KCPC | C-O | 27,736,000 | 27,736,000 | |
| | | | DBHDID HVAC Piping Western State Hospital | C-PI | 8,000,000 | 8,000,000 | |
| | | | DBHDID Renovate 3 Resident Units Hazelwood ICF | C-PI | 4,250,000 | 4,250,000 | |
| | | | DBHDID Renovate or Replace Cottages Oakwood | C-PI | 15,500,000 | 15,500,000 | |
| | | | DBHDID Replace Upgrade Enhance Generators Oakwood | C-PI | 1,825,000 | 1,825,000 | |
| | | | DBHDID Replace Cottages Roofs Oakwood ICF | C-PI | 4,975,000 | 4,975,000 | |
| | | | DBHDID Replace Water Lines Oakwood | C-PI | 3,000,000 | 3,000,000 | |
| | | | GAPS CHFS Energy Management and CEMCS Support | C-PI | 1,000,000 | 1,000,000 | |
| | | | GAPS Maintenance Pool | C-PI | 8,095,000 | 8,095,000 | |
| 2018-2020 Total | | | | | 74,381,000 | 74,381,000 | |
| 2020-2022 | | | | | | | |
| | | | DBHDID Renovate or Replace Cottages Oakwood ICF | C-PI | 16,500,000 | 16,500,000 | |
| | | | DBHDID Replace Windows and Doors Multiple Buildings WSH | C-PI | 3,000,000 | 3,000,000 | |
| | | | DBHDID Upgrade Mechanical Lines Western State Hospital | C-PI | 2,251,000 | 2,251,000 | |
| | | | GAPS Energy Management and CEMCS Support | C-PI | 1,000,000 | 1,000,000 | |
| | | | GAPS Maintenance Pool | C-PI | 6,969,500 | 6,969,500 | |
| 2020-2022 Total | | | | | 29,720,500 | 29,720,500 | |
| Grand Total | | | | | 315,451,800 | 274,571,800 | 40,880,000 |

Cabinet for Health and Family Services

Explanation of Acronyms

| | |
|--------|---|
| CEMCS | Commonwealth Energy Management and Control System |
| CHFS | Cabinet for Health and Family Services |
| DAIL | Department for Aging and Independent Living |
| DBHDID | Department of Behavioral Health Developmental and Intellectual Disabilities |
| DPH | Department of Public Health |
| GAPS | General Administration and Program Support |
| ICF | Intermediate Care Facility |
| KASES | Kentucky Automated Support and Enforcement System |
| KCPC | Kentucky Correctional Psychiatric Center |
| WSH | Western State Hospital |

Economic Development Cabinet

Projects involving the General Fund (Cash/Bonds)

| <u>Priority #</u> | <u>Project</u> | <u>Type</u> | <u>Total Budget</u> | <u>General Funds</u> | <u>Other Funds/ Source(s)</u> |
|------------------------|--|-------------|---------------------|----------------------|-------------------------------|
| 2016-2018 | | | | | |
| 1 | High-Tech Construct/Investment Pools | GL | 10,000,000 | 10,000,000 | |
| 2 | Economic Development Bond Program | GL | 10,000,000 | 10,000,000 | |
| 3 | KY Economic Development Finance Authority Bond | GL | 10,000,000 | 10,000,000 | |
| 2016-2018 Total | | | 30,000,000 | 30,000,000 | |
| 2018-2020 | | | | | |
| | Economic Development Bond Program | GL | 10,000,000 | 10,000,000 | |
| | High-Tech Construct/Investment Pools | GL | 10,000,000 | 10,000,000 | |
| | KY Economic Development Finance Authority Bond | GL | 10,000,000 | 10,000,000 | |
| 2018-2020 Total | | | 30,000,000 | 30,000,000 | |
| 2020-2022 | | | | | |
| | Economic Development Bond Program | GL | 10,000,000 | 10,000,000 | |
| | High-Tech Construct/Investment Pools | GL | 10,000,000 | 10,000,000 | |
| | KY Economic Development Finance Authority Bond | GL | 10,000,000 | 10,000,000 | |
| 2020-2022 Total | | | 30,000,000 | 30,000,000 | |
| Grand Total | | | 90,000,000 | 90,000,000 | |

Education and Workforce Development Cabinet

Projects involving the General Fund (Cash/Bonds)

| <u>Priority #</u> | <u>Cab</u> | <u>Ag</u> | <u>Project</u> | <u>Type</u> | <u>Total Budget</u> | <u>General Funds</u> | <u>Other Funds/ Source(s)</u> |
|------------------------|------------|-----------|--|-------------|---------------------|----------------------|-------------------------------|
| 2016-2018 | | | | | | | |
| 1 | 1 | | GAPS Enterprise Case Management System | IT | 30,000,000 | 30,000,000 | |
| 2 | 2 | | GAPS Deferred Maintenance Pool 2016-18 Education Cabinet | C-PI | 8,499,000 | 6,260,000 | 2,239,000 FF |
| 3 | 1 | | KET Facility Maintenance Pool | C-PI | 600,000 | 600,000 | |
| 4 | 3 | | KET Digital Transmitter/Microwave Radio Replacement | EQ | 4,900,000 | 4,900,000 | |
| 5 | 2 | | KET Digital Infrastructure Maintenance Pool | IT | 1,000,000 | 1,000,000 | |
| 2016-2018 Total | | | | | 44,999,000 | 42,760,000 | 2,239,000 |
| 2018-2020 | | | | | | | |
| | | | KET Digital Conversion Phase IV | IT | 2,500,000 | 2,500,000 | |
| | | | KET Digital Infrastructure Maintenance Pool | IT | 1,000,000 | 1,000,000 | |
| | | | KET Facility Maintenance Pool | C-PI | 600,000 | 600,000 | |
| 2018-2020 Total | | | | | 4,100,000 | 4,100,000 | |
| 2020-2022 | | | | | | | |
| | | | KET Digital Infrastructure Maintenance Pool | IT | 600,000 | 600,000 | |
| | | | KET Facility Maintenance Pool | C-PI | 600,000 | 600,000 | |
| | | | GAPS Enterprise Case Management System Multi-Phase | IT | 17,000,000 | 17,000,000 | |
| 2020-2022 Total | | | | | 18,200,000 | 18,200,000 | |
| Grand Total | | | | | 67,299,000 | 65,060,000 | 2,239,000 |

Explanation of Acronyms

GAPS General Administration and Program Support
KET Kentucky Educational Television

Energy and Environment Cabinet

Projects involving the General Fund (Cash/Bonds)

| <u>Priority #</u> | <u>Cab</u> | <u>Ag</u> | <u>Project</u> | <u>Type</u> | <u>Total Budget</u> | <u>General Funds</u> | <u>Other Funds/ Source(s)</u> |
|---|------------|-----------|---|-------------|---------------------|----------------------|-------------------------------|
| 2016-2018 | | | | | | | |
| 1 | 1 | | SEC Maintenance Pool for Cabinet-Owned Facilities | C-PI | 946,000 | 946,000 | |
| 2 | 1 | | DEP State-Owned Dam Repair | C-O | 4,000,000 | 4,000,000 | |
| 3 | 1 | | DNR 2-Way Radio System Upgrade | EQ | 1,228,000 | 1,228,000 | |
| 4 | 2 | | DNR Wildland Fire Equipment Replacement Schedule | EQ | 3,000,000 | 3,000,000 | |
| 5 | 2 | | DEP Public Information Review Portal | IT | 824,000 | 824,000 | |
| 6 | 3 | | DEP Online Permitting/Submittals Project (eForms) | IT | 918,000 | 918,000 | |
| 7 | 3 | | DNR John P. Rhody Nursery Cooler | EQ | 315,000 | 315,000 | |
| 8 | 4 | | DNR John P. Rhody Nursery Soil Replacement | C-PI | 600,000 | 600,000 | |
| 9 | 1 | | PSC Engineering Standards Laboratory | EQ | 300,000 | 300,000 | |
| 10 | 4 | | DEP Mobile Inspection Data Collection | IT | 924,000 | 924,000 | |
| 11 | 5 | | DEP Lab Equipment-Environmental Services Branch | EQ | 600,000 | 300,000 | 300,000 FF |
| 2016-2018 Total | | | | | 13,655,000 | 13,355,000 | 300,000 |
| 2018-2020 | | | | | | | |
| DEP State-Owned Dam Repair | | | | C-O | 3,900,000 | 3,900,000 | |
| DNR Wildland Fire Equipment Replacement Schedule | | | | EQ | 3,000,000 | 3,000,000 | |
| SEC Maintenance Pool for Cabinet-Owned Facilities | | | | C-PI | 560,000 | 560,000 | |
| 2018-2020 Total | | | | | 7,460,000 | 7,460,000 | |
| 2020-2022 | | | | | | | |
| DEP State-Owned Dam Repair | | | | C-O | 2,000,000 | 2,000,000 | |
| DNR Wildland Fire Equipment Replacement Schedule | | | | EQ | 3,000,000 | 3,000,000 | |
| SEC Maintenance Pool for Cabinet-Owned Facilities | | | | C-PI | 400,000 | 400,000 | |
| 2020-2022 Total | | | | | 5,400,000 | 5,400,000 | |
| Grand Total | | | | | 26,515,000 | 26,215,000 | 300,000 |

Energy and Environment Cabinet (continued)

Projects NOT involving the General Fund, Road Fund, or Agency Bonds

| <u>Priority #</u> <u>Cab Ag</u> | <u>Project</u> | <u>Type</u> | <u>Total</u> <u>Budget</u> | <u>General</u> <u>Funds</u> | <u>Other Funds/</u> <u>Source(s)</u> |
|------------------------------------|--|-------------|-------------------------------|--------------------------------|---|
| 2016-2018 | | | | | |
| | SEC Kentucky Heritage Land Conservation Fund Add'l | C-O | 10,000,000 | | RF/FF |
| | 2016-2018 Total | | 10,000,000 | 10,000,000 | 10,000,000 |
| 2018-2020 | | | | | |
| | SEC Kentucky Heritage Land Conservation Fund Add'l | C-O | 10,000,000 | | RF/FF |
| | 2018-2020 Total | | 10,000,000 | 10,000,000 | 10,000,000 |
| 2020-2022 | | | | | |
| | SEC Kentucky Heritage Land Conservation Fund Add'l | C-O | 10,000,000 | | RF/FF |
| | 2020-2022 Total | | 10,000,000 | 10,000,000 | 10,000,000 |
| | Grand Total | | 30,000,000 | 30,000,000 | |

Explanation of Acronyms

DEP Department for Environmental Protection
DNR Department of Natural Resources
PSC Public Service Commission
SEC Office of the Secretary

Finance and Administration Cabinet

Projects involving the General Fund (Cash/Bonds)

| <u>Priority #</u> | <u>Cab</u> | <u>Ag</u> | <u>Project</u> | <u>Type</u> | <u>Total Budget</u> | <u>General Funds</u> | <u>Other Funds/ Source(s)</u> |
|------------------------|------------|-----------|--|-------------|---------------------|----------------------|-------------------------------|
| 2016-2018 | | | | | | | |
| 1 | 1 | | SEC Kentucky Business One Stop Phase III | IT | 12,000,000 | 12,000,000 | |
| 2 | 1 | | FSS Emergency Repair, Maintenance, and Replacement Fund | C-PI | 12,500,000 | 12,500,000 | |
| 3 | 2 | | FSS Capital Construction and Equipment Purchase Contingency Fund | C-PI | 12,500,000 | 12,500,000 | |
| 4 | 3 | | FSS Maintenance Pool 2016-2018 | C-PI | 9,000,000 | 9,000,000 | |
| 5 | 4 | | FSS Acquire Land/Demolish Structures Statewide | C-PI | 7,500,000 | 7,500,000 | |
| 6 | 5 | | FSS Maintenance Pool Statewide Deferred | C-PI | 12,500,000 | 12,500,000 | |
| 7 | 1 | | DOR Revenue Onestop Data Integration (RODI) Changes | IT | 2,000,000 | 2,000,000 | |
| 8 | 2 | | DOR Tax Systems Updates | IT | 6,000,000 | 6,000,000 | |
| 9 | 6 | | FSS Commonwealth Energy Management and Control System | C-O | 5,200,000 | 5,200,000 | |
| 10 | 3 | | DOR Tax Fraud Analytics and Identification | IT | 1,700,000 | 1,700,000 | |
| 11 | 7 | | FSS CHR HVAC Replacement | C-PI | 4,500,000 | 4,500,000 | |
| 12 | 4 | | DOR Electronic Commerce | IT | 5,200,000 | 5,200,000 | |
| 13 | | | DOR Account Number Length Increase | IT | 2,000,000 | 2,000,000 | |
| 14 | 8 | | FSS Repair Site Infrastructure Capital Plaza Complex | C-PI | 2,500,000 | 2,500,000 | |
| 15 | 9 | | FSS Upgrade Capitol Campus | C-PI | 4,500,000 | 4,500,000 | |
| 16 | 6 | | DOR Tax Discovery System | IT | 2,300,000 | 2,300,000 | |
| 17 | 10 | | FSS Halon System Replacement | C-PI | 750,000 | 750,000 | |
| 18 | 7 | | DOR Registration Case Management System Upgrade | IT | 600,000 | 600,000 | |
| 19 | 11 | | FSS CHR Carpet Replacement | C-PI | 1,473,000 | 1,473,000 | |
| 20 | 8 | | DOR Property Tax Systems Upgrade | IT | 8,600,000 | 8,600,000 | |
| 21 | 12 | | FSS Air Handler Replacement and Repair | C-PI | 600,000 | 600,000 | |
| 22 | 9 | | DOR Aerial Photography Imagery | IT | 3,800,000 | 3,800,000 | |
| 23 | 13 | | FSS Upgrade L&N Building | C-PI | 4,375,000 | 4,375,000 | |
| 24 | 14 | | FSS Replace VAVs Frankfort Buildings | C-PI | 2,800,000 | 2,800,000 | |
| 25 | 15 | | FSS Capitol Terrace and Promenade Repairs | C-PI | 4,000,000 | 4,000,000 | |
| 26 | 16 | | FSS Emergency Generator Repair and Replacement | C-PI | 600,000 | 600,000 | |
| 27 | 17 | | FSS Chiller Replacement/Rebuild Various | C-PI | 1,000,000 | 1,000,000 | |
| 28 | 18 | | FSS Modernize Escalator and Miscellaneous Elevator Upgrades | C-PI | 1,500,000 | 1,500,000 | |
| 29 | 19 | | FSS Renovate Old Capitol/Capitol Annex | C-PI | 2,500,000 | 2,500,000 | |
| 30 | 20 | | FSS Deferred Maintenance for Historic Properties | C-PI | 675,000 | 675,000 | |
| 31 | 21 | | FSS House and Senate Chambers Restoration | C-PI | 2,000,000 | 2,000,000 | |
| 32 | 22 | | FSS Capitol Exterior Maintenance and Repair | C-PI | 2,500,000 | 2,500,000 | |
| 2016-2018 Total | | | | | 139,673,000 | 139,673,000 | |

Finance and Administration Cabinet (continued)

Projects involving the General Fund (Cash/Bonds)

| <u>Priority #</u> <u>Cab Ag</u> | <u>Project</u> | <u>Type</u> | <u>Total</u> <u>Budget</u> | <u>General</u> <u>Funds</u> | <u>Other Funds/</u> <u>Source(s)</u> |
|------------------------------------|--|-------------|-------------------------------|--------------------------------|---|
| 2018-2020 | | | | | |
| | FSS Acquire Land/Demolish Structures Statewide | C-PI | 7,500,000 | 7,500,000 | |
| | FSS Air Handler Replacement and Repair | C-PI | 1,300,000 | 1,300,000 | |
| | FSS Capital Construct and Equipment Purchase Contingency Fund | C-PI | 12,500,000 | 12,500,000 | |
| | FSS Commonwealth Energy Management and Control System | C-O | 5,200,000 | 5,200,000 | |
| | FSS Chiller Replacement/Rebuild Various | C-PI | 1,000,000 | 1,000,000 | |
| | FSS Cooling Tower Replacement Central Lab | C-PI | 1,500,000 | 1,500,000 | |
| | FSS Deferred Maintenance for Historic Properties | C-PI | 675,000 | 675,000 | |
| | FSS Design Capitol Annex Addition & Renovation | C-PI | 4,265,000 | 4,265,000 | |
| | FSS Design Completion of Capitol Restoration | C-PI | 3,429,000 | 3,429,000 | |
| | FSS Emergency Generator Repair and Replacement | C-PI | 600,000 | 600,000 | |
| | FSS Emergency Repair, Maintenance, and Replacement Fund | C-PI | 12,500,000 | 12,500,000 | |
| | FSS Maintenance Pool 2018-2020 | C-PI | 9,000,000 | 9,000,000 | |
| | FSS Maintenance Pool Statewide Deferred | C-PI | 12,500,000 | 12,500,000 | |
| | FSS Modernize Escalator and Miscellaneous Elevator Upgrades | C-PI | 2,000,000 | 2,000,000 | |
| | FSS Renewal of the Capital Plaza Complex | C-O | 30,000,000 | 30,000,000 | |
| | FSS Repair Site Infrastructure Capital Plaza Complex | C-PI | 2,500,000 | 2,500,000 | |
| | FSS Replace VAVs Frankfort Buildings | C-PI | 2,800,000 | 2,800,000 | |
| | FSS Upgrade Capitol Campus | C-PI | 5,500,000 | 5,500,000 | |
| | 2018-2020 Total | | 114,769,000 | 114,769,000 | |
| 2020-2022 | | | | | |
| | FSS Acquire Land/Demolish Structures Statewide | C-PI | 7,500,000 | 7,500,000 | |
| | FSS Air Handler Replacement | C-PI | 900,000 | 900,000 | |
| | FSS Capital Construction and Equipment Purchase Contingency Fund | C-PI | 12,500,000 | 12,500,000 | |
| | FSS Commonwealth Energy Management and Control System | C-O | 5,200,000 | 5,200,000 | |
| | FSS Chiller Replacement/Rebuild Various | C-PI | 1,000,000 | 1,000,000 | |
| | FSS Construct Capitol Annex Addition and Renovation | C-PI | 92,170,000 | 92,170,000 | |
| | FSS Construct Restoration/Renovation Capitol | C-PI | 110,031,000 | 110,031,000 | |
| | FSS Emergency Generator Repair and Replacement | C-PI | 600,000 | 600,000 | |
| | FSS Emergency Repair, Maintenance, and Replacement Fund | C-PI | 12,500,000 | 12,500,000 | |
| | FSS Maintenance Pool 2020-2022 | C-PI | 9,000,000 | 9,000,000 | |
| | FSS Maintenance Pool Statewide Deferred | C-PI | 12,500,000 | 12,500,000 | |
| | FSS Modernize Escalator and Misc Elevator Upgrades | C-PI | 2,000,000 | 2,000,000 | |
| | FSS Repair Site Infrastructure Capital Plaza Complex | C-PI | 2,500,000 | 2,500,000 | |
| | FSS Upgrade Capitol Campus | C-PI | 4,000,000 | 4,000,000 | |
| | 2020-2022 Total | | 272,401,000 | 272,401,000 | |
| | Grand Total | | 526,843,000 | 526,843,000 | |

Finance and Administration Cabinet (continued)

Projects NOT involving the General Fund, Road Fund, or Agency Bonds

| <u>Priority #</u> <u>Cab Ag</u> | <u>Project</u> | <u>Type</u> | <u>Total</u> <u>Budget</u> | <u>General</u> <u>Funds</u> | <u>Other Funds/</u> <u>Source(s)</u> |
|------------------------------------|---|-------------|-------------------------------|--------------------------------|---|
| 2016-2018 | | | | | |
| | COT Enterprise Document Management | IT | 19,104,000 | | RF |
| | COT Enterprise Infrastructure 2016-2018 | IT | 6,000,000 | | RF |
| | FSS Guaranteed Energy Savings Performance Contracts | C-PI | 50,000,000 | | OT-LTF |
| | FSS Renewal of the Capital Plaza Complex | C-O | 82,000,000 | | OT-LTF |
| | 2016-2018 Total | | 157,104,000 | | 157,104,000 |
| 2018-2020 | | | | | |
| | COT Enterprise Infrastructure 2018-2020 | IT | 6,000,000 | | RF |
| | FSS Guaranteed Energy Savings Performance Contracts | C-PI | 50,000,000 | | OT-LTF |
| | 2018-2020 Total | | 56,000,000 | | 56,000,000 |
| 2020-2022 | | | | | |
| | COT Enterprise Infrastructure 2020-2022 | IT | 6,000,000 | | RF |
| | FSS Guaranteed Energy Savings Performance Contracts | C-PI | 50,000,000 | | OT-LTF |
| | 2020-2022 Total | | 56,000,000 | | 56,000,000 |
| | Grand Total | | 269,104,000 | | 269,104,000 |

Explanation of Acronyms

| | |
|-----|--|
| CHR | Cabinet for Human Resources |
| COT | Commonwealth Office of Technology |
| DOR | Department of Revenue |
| FSS | Department for Facilities and Support Services |
| L&N | Louisville and Nashville |
| SEC | Office of the Secretary |
| VAV | Variable Air Volume Equipment |

Justice and Public Safety Cabinet

Projects involving the General Fund (Cash/Bonds)

| <u>Priority #</u> | <u>Cab</u> | <u>Ag</u> | <u>Project</u> | <u>Type</u> | <u>Total Budget</u> | <u>General Funds</u> | <u>Other Funds/ Source(s)</u> |
|------------------------|------------|-----------|---|-------------|---------------------|----------------------|-------------------------------|
| 2016-2018 | | | | | | | |
| 1 | 1 | | SEC Renovate Medical Examiner Office/Jefferson Laboratory | C-O | 12,000,000 | 12,000,000 | |
| 2 | 1 | | DOC Stabilization of Dorm 8 Kentucky State Reformatory | C-PI | 4,155,000 | 4,155,000 | |
| 3 | 1 | | DJJ Miscellaneous Maintenance Pool | C-PI | 13,718,000 | 13,718,000 | |
| 4 | 1 | | DSP Construction of New Academy Firing Range | C-O | 2,600,000 | 2,600,000 | |
| 5 | 1 | | DPA Relocate DPA Main Office | C-O | 1,605,000 | 1,605,000 | |
| 6 | 2 | | DOC Repair and Stabilize Tower KSR | C-PI | 3,797,000 | 3,797,000 | |
| 7 | 2 | | SEC Medical Examiner's Office Fort Thomas | C-O | 5,958,000 | 5,958,000 | |
| 8 | 2 | | DSP Renovation of Dormitory at New Academy | C-O | 1,000,000 | 1,000,000 | |
| 9 | 2 | | DJJ Construct New Group Homes on DJJ Campuses | C-O | 10,050,000 | 10,050,000 | |
| 10 | 3 | | DOC Replace Sewer Plant and/or regional connect KCIW | C-PI | 2,560,000 | 2,560,000 | |
| 11 | 3 | | DSP Miscellaneous Maintenance Pool | C-O | 2,000,000 | 2,000,000 | |
| 12 | 4 | | DJJ Retrofit Audubon YDC | C-PI | 3,255,000 | 3,255,000 | |
| 13 | 3 | | DJJ Construct Owensboro Treatment Center Replacement | C-O | 10,000,000 | 10,000,000 | |
| 14 | 4 | | DSP Aircraft Maintenance Pool | EQ | 1,600,000 | 1,600,000 | |
| 15 | 4 | | DOC Miscellaneous Maintenance Pool 2016-2018 | C-O | 15,260,000 | 15,260,000 | |
| 16 | 5 | | DSP Construct a New Harlan State Police Post | C-O | 4,496,000 | 4,496,000 | |
| 17 | 5 | | DOC Repair Building Envelope Housing Units EKCC | C-PI | 20,880,000 | 20,880,000 | |
| 18 | 6 | | DSP Construct a New Richmond State Police Post | C-O | 4,496,000 | 4,496,000 | |
| 19 | 6 | | DOC Install Emergency Generators LLCC, GRCC, & KSP | EQ | 6,026,000 | 6,026,000 | |
| 20 | 7 | | DSP Ion Trap GC/MSD | EQ | 250,000 | 250,000 | |
| 21 | 7 | | DOC Upgrade KY Offender Management Systems Add'l | IT | 1,330,000 | 1,330,000 | |
| 22 | 8 | | DSP Vehicle/Mobile Radio Replacement | IT | 2,550,000 | 2,550,000 | |
| 23 | 8 | | DOC Building Envelope Repairs, Dorms 3,5, and 11 KSR | C-PI | 4,725,000 | 4,725,000 | |
| 24 | 9 | | DSP Purchase Various Microscopes | EQ | 500,000 | 500,000 | |
| 25 | 9 | | DOC Construct 100 Med Sec Dorm/Raze Dorm 2 KSR | C-O | 16,412,000 | 16,412,000 | |
| 26 | 10 | | DSP Replace Gas Chromatograph/Mass Spectrometers | EQ | 1,500,000 | 1,500,000 | |
| 27 | 10 | | DOC Replace Air Handlers at LLCC | C-PI | 3,000,000 | 3,000,000 | |
| 28 | 11 | | DSP Replace/Upgrade Existing Kentucky AFIS Phase II | IT | 2,600,000 | 2,600,000 | |
| 29 | 12 | | DSP Replace Existing (12) UNIX LiveScans | EQ | 264,000 | 264,000 | |
| 30 | 13 | | DSP Replace Intoxilyzer 8000 Instruments | EQ | 1,000,000 | 1,000,000 | |
| 31 | 14 | | DSP Kentucky Interoperability Plan | IT | 2,000,000 | 2,000,000 | |
| 32 | 15 | | DSP KYOPS Enhancement | IT | 2,000,000 | 2,000,000 | |
| 33 | 16 | | DSP Purchase Liquid Chromatography Tandem Mass Spectrom | EQ | 250,000 | 250,000 | |
| 34 | 17 | | DSP Purchase Trace Equipment (SEM,GC/MS & Comp Scope) | EQ | 500,000 | 500,000 | |
| 35 | 18 | | DSP Information System Infrastructure Upgrade | IT | 3,000,000 | 3,000,000 | |
| 36 | 19 | | DSP Construct a New Columbia State Police Post | C-O | 4,496,000 | 4,496,000 | |
| 37 | 20 | | DSP Construct New Bowling Green Post | C-O | 4,496,000 | 4,496,000 | |
| 38 | 21 | | DSP Construct a New Frankfort State Police Post | C-O | 4,496,000 | 4,496,000 | |
| 39 | 22 | | DSP Construct New Ashland State Police Post and Lab | C-O | 6,687,000 | 6,687,000 | |
| 40 | 23 | | DSP Construct Pikeville Post Addition | C-O | 2,703,000 | 2,703,000 | |
| 41 | 24 | | DSP Computerized Criminal History Project | IT | 670,000 | 670,000 | |
| 42 | 25 | | DSP Infrared/Day Camera and Microwave Downlink | EQ | 421,000 | 421,000 | |
| 43 | 26 | | DSP Replace Transport Aircraft: King Air 200 | EQ | 5,500,000 | 5,500,000 | |
| 44 | 27 | | DSP Replacement of 1968 MD 369A/OH-6A Aircraft | EQ | 2,000,000 | 2,000,000 | |
| 45 | 28 | | DSP Replacement of 1983 Bell 206L3 | EQ | 2,000,000 | 2,000,000 | |
| 2016-2018 Total | | | | | 200,806,000 | 200,806,000 | |

Justice and Public Safety Cabinet

Projects involving the General Fund (Cash/Bonds)

| <u>Priority #</u> | <u>Project</u> | <u>Type</u> | <u>Total Budget</u> | <u>General Funds</u> | <u>Other Funds/ Source(s)</u> |
|-------------------|---|-------------|---------------------|----------------------|-------------------------------|
| 2018-2020 | | | | | |
| | DJJ Construct Office Building KCH Campus | C-O | 9,200,000 | 9,200,000 | |
| | DJJ Miscellaneous Maintenance Pool | C-PI | 10,716,000 | 10,716,000 | |
| | DJJ Renovate Louisville Day Treatment | C-PI | 2,250,000 | 2,250,000 | |
| | DOC Construct 50-Bed Minimum Security Dorm KSR | C-O | 2,443,000 | 2,443,000 | |
| | DOC Miscellaneous Maintenance Pool 2018-2020 | C-O | 9,018,000 | 9,018,000 | |
| | DOC Renovate Old Hospital Building NTC | C-O | 24,092,000 | 24,092,000 | |
| | DOC Repair Masonry at Dorms NTC | C-PI | 2,806,000 | 2,806,000 | |
| | DOC Repair Operations & Services Bldg Envelope EKCC | C-PI | 16,092,000 | 16,092,000 | |
| | DSP Aircraft Maintenance Pool | EQ | 1,600,000 | 1,600,000 | |
| | DSP Information Systems Infrastructure Upgrade | IT | 1,518,000 | 1,518,000 | |
| | DSP Miscellaneous Maintenance Pool | C-O | 2,000,000 | 2,000,000 | |
| | DSP Replacement of 1968 MD 369A/OH-6A Helicopter | EQ | 2,000,000 | 2,000,000 | |
| | 2018-2020 Total | | 83,735,000 | 83,735,000 | |
| 2020-2022 | | | | | |
| | DJJ Expand Education Wing Adair YDC | C-O | 1,370,000 | 1,370,000 | |
| | DJJ Miscellaneous Maintenance Pool | C-PI | 3,800,000 | 3,800,000 | |
| | DJJ Upgrade Security Systems Facilities Statewide | C-PI | 3,125,000 | 3,125,000 | |
| | DOC Construct 400-man Dorm BCC | C-O | 36,385,000 | 36,385,000 | |
| | DOC Expand Elliott County Phase II Med. Sec. | C-O | 65,805,000 | 65,805,000 | |
| | DOC Miscellaneous Maintenance Pool 2020-2022 | C-O | 6,775,000 | 6,775,000 | |
| | DOC Replace Windows at Dorms NTC | C-PI | 1,852,000 | 1,852,000 | |
| | DOC Replace Windows at Main Building KCIW | C-PI | 825,000 | 825,000 | |
| | DSP Aircraft Maintenance Pool | EQ | 1,600,000 | 1,600,000 | |
| | DSP Construct Morehead Post Extension | C-O | 624,000 | 624,000 | |
| | DSP Miscellaneous Maintenance Pool | C-O | 2,000,000 | 2,000,000 | |
| | 2020-2022 Total | | 124,161,000 | 124,161,000 | |
| | Grand Total | | 408,702,000 | 408,702,000 | |

Explanation of Acronyms

| | | | |
|------|---|------|---|
| AFIS | Automated Fingerprint Identification System | KCIW | Kentucky Correctional Institution for Women |
| DPA | Department of Public Advocacy | KSP | Kentucky State Penitentiary |
| DOC | Department of Corrections | KSR | Kentucky State Reformatory |
| DJJ | Department of Juvenile Justice | LLCC | Luther Luckett Correctional Complex |
| DSP | Department of State Police | NTC | Northpoint Training Center |
| EKCC | Eastern Kentucky Correctional Complex | SEC | Office of the Secretary |
| GRCC | Green River Correctional Complex | YDC | Youth Development Center |
| KCH | Kentucky Children's Home | | |

Tourism, Arts, and Heritage Cabinet

Projects involving the General Fund (Cash/Bonds)

| <u>Priority #</u> | <u>Cab</u> | <u>Ag</u> | <u>Project</u> | <u>Type</u> | <u>Total Budget</u> | <u>General Funds</u> | <u>Other Funds/ Source(s)</u> |
|-------------------|------------|-----------|---|-------------|---------------------|----------------------|-------------------------------|
| 2016-2018 | | | | | | | |
| 1 | 1 | | DOP Miscellaneous Major Maintenance Pool | C-PI | 16,000,000 | 16,000,000 | |
| 2 | 2 | | SFB Miscellaneous Major Maintenance Pool 2016-2018 | C-PI | 6,000,000 | 6,000,000 | |
| 3 | 1 | | KHP Minor Capital Projects Maintenance Pool | C-PI | 5,000,000 | 5,000,000 | |
| 4 | 1 | | KCA Maintenance Pool | C-PI | 1,100,000 | 1,100,000 | |
| 5 | 1 | | SEC Miscellaneous Maintenance Pool | C-PI | 1,500,000 | 1,500,000 | |
| 6 | 1 | | SFB KEC Roof Repair | C-PI | 25,000,000 | 25,000,000 | |
| 7 | 3 | | SFB Freedom Hall Boiler Replacement/Decentralization | C-PI | 3,100,000 | 3,100,000 | |
| 8 | 6 | | DOP Hospitality Upgrades | C-PI | 5,500,000 | 5,500,000 | |
| 9 | 7 | | DOP Cable Infrastructure Planning and Implementation | IT | 6,000,000 | 6,000,000 | |
| 10 | 1 | | NKCC Convention Center Expansion | C-O | 39,375,000 | 39,375,000 | |
| 11 | 4 | | SFB Cardinal Stadium Demolition | C-O | 5,000,000 | 5,000,000 | |
| 12 | 2 | | DOP Building Roof/Wall/Window Repair & Replace Phase I | C-PI | 4,500,000 | 4,500,000 | |
| 13 | 5 | | SFB KEC Agribusiness & Livestock Expo Center | C-PI | 25,000,000 | 25,000,000 | |
| 14 | 2 | | KHP Expand Arena Parking Lot | C-O | 1,500,000 | 1,500,000 | |
| 15 | 1 | | KHS Old State Capitol & Educational Facilities Renovate | C-O | 895,000 | 895,000 | |
| 16 | 1 | | KHC Records Digitization | IT | 1,000,000 | 1,000,000 | |
| 17 | 2 | | KCA Replace Air Handler & Chiller System | C-PI | 2,508,000 | 2,508,000 | |
| 18 | 3 | | DOP Life Safety Systems Upgrade & Replace Phase I | C-PI | 2,500,000 | 2,500,000 | |
| 19 | 6 | | SFB KEC South Wing Interior | C-PI | 7,000,000 | 7,000,000 | |
| 20 | 4 | | KHP Construct Pole-Barn with Stalls at Stadium | C-O | 3,800,000 | 3,800,000 | |
| 21 | 2 | | KHS Volunteer Center & Visitor Services Renovate | C-O | 842,000 | 842,000 | |
| 22 | 3 | | KCA Facility Renovation & ADA Upgrades | C-PI | 1,200,000 | 1,200,000 | |
| 23 | 4 | | DOP Utility Infrastructure Replacement Phase I | C-PI | 6,700,000 | 6,700,000 | |
| 24 | 7 | | SFB KEC Parking Lot Resurfacing Phase I | C-O | 3,500,000 | 3,500,000 | |
| 25 | 3 | | KHP Completion of Vacant Building | C-PI | 1,500,000 | 1,500,000 | |
| 26 | 3 | | KHS Historymobile2 | EQ | 1,455,000 | 950,000 | 505,000 OT-P |
| 27 | 4 | | KCA Technology Upgrades | IT | 910,000 | 910,000 | |
| 28 | 5 | | DOP Building Structural Safety Repairs | C-PI | 5,250,000 | 5,250,000 | |
| 29 | 8 | | SFB KEC Sidewalk Improvements Phase I | C-PI | 600,000 | 600,000 | |
| 30 | 5 | | KHP Construct New Equine Competition Complex | C-O | 1,700,000 | 1,700,000 | |
| 31 | 4 | | KHS KY History Center Museum Renovations | C-O | 2,120,000 | 100,000 | 2,020,000 OT-P |
| 32 | 5 | | KCA Key Card Access | C-PI | 600,000 | 600,000 | |
| 33 | 8 | | DOP Equipment Replacement & Upgrades | EQ | 3,500,000 | 3,500,000 | |
| 34 | 9 | | SFB Equipment Capital | EQ | 2,000,000 | 2,000,000 | |
| 35 | 6 | | KHP Replace Roof: Museum, Gatehouse, VIC | C-PI | 2,000,000 | 2,000,000 | |
| 36 | 5 | | KHS Special Collections Processing Lab | C-O | 750,000 | 750,000 | |
| 37 | 6 | | KCA Replace the Concrete on Front & Back Terraces | C-PI | 1,500,000 | 1,500,000 | |
| 38 | 9 | | DOP Waste Water Treatment Plant Replace Phase I | C-PI | 6,000,000 | 6,000,000 | |
| 39 | 10 | | SFB Commonwealth and Cowger Garages | C-PI | 2,000,000 | 2,000,000 | |
| 40 | 7 | | KHP Relocate Maintenance Area | C-PI | 2,600,000 | 2,600,000 | |
| 41 | 6 | | KHS Martin F Schmidt Library Renovations | C-O | 1,500,000 | 1,500,000 | |
| 42 | 7 | | KCA North Lobby Renovation | C-PI | 600,000 | 600,000 | |
| 43 | 10 | | DOP Statewide Campground Upgrades Phase I | C-PI | 3,000,000 | 3,000,000 | |
| 44 | 11 | | SFB HVAC Master Plan Implementation Phase I | C-PI | 3,000,000 | 3,000,000 | |
| 45 | 8 | | KHP Expand Warm Up Ring | C-O | 600,000 | 600,000 | |

Tourism, Arts, and Heritage Cabinet (continued)

Projects involving the General Fund (Cash/Bonds)

| <u>Priority #</u> | <u>Cab</u> | <u>Ag</u> | <u>Project</u> | <u>Type</u> | <u>Total Budget</u> | <u>General Funds</u> | <u>Other Funds/ Source(s)</u> |
|------------------------|------------|-----------|--|-------------|---------------------|----------------------|-------------------------------|
| 46 | 8 | | KCA Intelligent Lighting Equipment | C-PI | 750,000 | 750,000 | |
| 47 | 11 | | DOP Pool Improvements and Repairs | C-PI | 3,375,000 | 3,375,000 | |
| 48 | 11 | | KHP Renovate Restaurant Facility | C-PI | 4,500,000 | 4,500,000 | |
| 49 | 7 | | KHS Campus Renovations | EQ | 235,000 | 235,000 | |
| 50 | 12 | | DOP Golf Cart and Equipment Replacement | EQ | 2,000,000 | 2,000,000 | |
| 51 | 10 | | KHP Construct Competition Stall Barn | C-O | 2,000,000 | 2,000,000 | |
| 52 | 13 | | DOP Statewide ADA Improvements Phase I | C-PI | 5,490,000 | 5,490,000 | |
| 53 | 9 | | KHP Renovate Campground Sites and Bathhouses | C-PI | 1,500,000 | 1,500,000 | |
| 54 | 14 | | DOP Replica Fort Restoration and Repair Phase I | C-PI | 5,250,000 | 5,250,000 | |
| 55 | 13 | | KHP Purchase Maintenance Equipment | EQ | 1,500,000 | 1,500,000 | |
| 56 | 15 | | DOP JJ Audubon Museum and Terrace Garden Restoration | C-PI | 2,450,000 | 2,450,000 | |
| 57 | 12 | | KHP Construct Entertainment Pavilion | C-O | 750,000 | 750,000 | |
| 58 | 16 | | DOP Repair My Old Ky Home Amphitheater | C-PI | 2,560,000 | 2,560,000 | |
| 59 | 14 | | KHP Expand Campground | C-O | 7,750,000 | 7,750,000 | |
| 60 | 17 | | DOP Dale Hollow Golf Course Slide & Bunker Repair | C-PI | 1,800,000 | 1,800,000 | |
| 61 | 15 | | KHP Expand/Renovate Breeds Barn | C-O | 2,500,000 | 2,500,000 | |
| 62 | 18 | | DOP Upgrade Recreational Building Pool EP Tom Sawyer | C-PI | 2,575,000 | 2,575,000 | |
| 63 | 2 | | KHP Expand/Renovate Covered Arena | C-O | 12,000,000 | 12,000,000 | |
| 64 | 19 | | DOP Marina Expansion Yatesville Lake | C-O | 2,750,000 | 2,750,000 | |
| 65 | 16 | | KHP Renovate & Expand the Hall of Champions Complex | C-O | 785,000 | 785,000 | |
| 66 | 20 | | DOP Restore CCC Structures Statewide | C-PI | 3,000,000 | 3,000,000 | |
| 67 | 17 | | KHP Renovate International Museum of the Horse | C-O | 4,000,000 | 4,000,000 | |
| 68 | 21 | | DOP Land Acquisition | C-O | 1,000,000 | 1,000,000 | |
| 69 | 19 | | KHP Replace Competition Barns and Stalls | C-PI | 12,000,000 | 12,000,000 | |
| 70 | 22 | | DOP Upgrade Fitness Facilities | C-O | 2,000,000 | 2,000,000 | |
| 71 | 18 | | KHP Renovate Utility Infrastructure | C-PI | 2,000,000 | 2,000,000 | |
| 72 | 23 | | DOP Upgrade Golf Course Irrigation KY Dam & Lake Barkley | C-PI | 2,800,000 | 2,800,000 | |
| 73 | 20 | | KHP Renovate Equine Education Complex | C-PI | 1,000,000 | 1,000,000 | |
| 74 | 24 | | DOP Upgrade Conference Center at Lake Cumberland | C-PI | 1,500,000 | 1,500,000 | |
| 75 | 22 | | KHP Land Acquisition | C-O | 2,100,000 | 2,100,000 | |
| 76 | 25 | | DOP Conference Center Cumberland Falls Design Phase | C-O | 1,500,000 | 1,500,000 | |
| 77 | 26 | | DOP Upgrade/Replace Lodge Jenny Wiley Design Phase | C-PI | 5,500,000 | 5,500,000 | |
| 2016-2018 Total | | | | | 318,625,000 | 316,100,000 | 2,525,000 |

Tourism, Arts, and Heritage Cabinet (continued)

Projects involving the General Fund (Cash/Bonds)

| <u>Priority #</u> <u>Cab Ag</u> | <u>Project</u> | <u>Type</u> | <u>Total Budget</u> | <u>General Funds</u> | <u>Other Funds/ Source(s)</u> |
|------------------------------------|---|-------------|---------------------|----------------------|-------------------------------|
| 2018-2020 | | | | | |
| | DOP Building Roof/Wall/Window Repair & Replace Phase II | C-PI | 4,500,000 | 4,500,000 | |
| | DOP Conference Center Cumberland Falls Construction Phase | C-O | 4,400,000 | 4,400,000 | |
| | DOP Equipment Replacement & Upgrades | EQ | 2,500,000 | 2,500,000 | |
| | DOP Golf Car and Equipment Replacement | EQ | 1,000,000 | 1,000,000 | |
| | DOP Hospitality Upgrades | C-PI | 5,500,000 | 5,500,000 | |
| | DOP Life Safety Systems Upgrade & Replace Phase II | C-PI | 2,500,000 | 2,500,000 | |
| | DOP Miscellaneous Maintenance Pool | C-PI | 18,000,000 | 18,000,000 | |
| | DOP Replica Fort Restoration and Repair Phase II | C-PI | 5,250,000 | 5,250,000 | |
| | DOP Restoration Structural Elements Whitehall SHS | C-PI | 950,000 | 950,000 | |
| | DOP Statewide ADA Improvements Phase II | C-PI | 5,490,000 | 5,490,000 | |
| | DOP Statewide Campground Upgrades Phase II | C-PI | 3,000,000 | 3,000,000 | |
| | DOP Upgrade HVAC System White Hall | C-PI | 850,000 | 850,000 | |
| | DOP Upgrade/Replace Lodge Jenny Wiley Construction Phase | C-O | 30,000,000 | 30,000,000 | |
| | DOP Utility Infrastructure Replacement Phase II | C-PI | 7,538,000 | 7,538,000 | |
| | DOP Waste Water Treatment Plant Replace Phase II | C-PI | 6,000,000 | 6,000,000 | |
| | KCA Audio/Visual Equipment Replacement | C-PI | 1,000,000 | 1,000,000 | |
| | KCA Build Additional Office and Conference Space | C-O | 4,000,000 | 4,000,000 | |
| | KCA Maintenance Pool | C-PI | 1,100,000 | 1,100,000 | |
| | KHP Minor Capital Projects Maintenance Pool | C-PI | 5,000,000 | 5,000,000 | |
| | KHS KY History Center Museums Renovations | C-O | 7,512,000 | 2,401,000 | 5,111,000 OT-P |
| | SEC Miscellaneous Maintenance Pool | C-PI | 1,500,000 | 1,500,000 | |
| | SFB Freedom Hall Lower Bowl Seating | C-PI | 2,500,000 | 2,500,000 | |
| | SFB Freedom Hall Seat Refurbishment & Reupholstering | EQ | 3,700,000 | 3,700,000 | |
| | SFB HVAC Master Plan Implementation Phase II | C-PI | 5,000,000 | 5,000,000 | |
| | SFB KEC Dirt/Salt Storage Facility | C-PI | 600,000 | 600,000 | |
| | SFB KEC Gate Entrances | C-O | 3,000,000 | 3,000,000 | |
| | SFB KEC Maintenance Building Completion | C-O | 2,000,000 | 2,000,000 | |
| | SFB KEC Parking Lot Resurfacing Phase II | C-O | 3,500,000 | 3,500,000 | |
| | SFB KEC Sidewalk Improvements Phase II | C-O | 1,000,000 | 1,000,000 | |
| | SFB KICC Pedway System Maintenance | C-O | 600,000 | 600,000 | |
| | SFB Miscellaneous Major Maintenance Pool 2018-20 | C-PI | 2,000,000 | 2,000,000 | |
| | SFB Seating System/Bleacher Systems | EQ | 1,200,000 | 1,200,000 | |
| | SFB Security Cameras | C-O | 2,000,000 | 2,000,000 | |
| | 2018-2020 Total | | 144,690,000 | 139,579,000 | 5,111,000 |

Tourism, Arts, and Heritage Cabinet (continued)

Projects involving the General Fund (Cash/Bonds)

| <u>Priority #</u> | <u>Project</u> | <u>Type</u> | <u>Total Budget</u> | <u>General Funds</u> | <u>Other Funds/ Source(s)</u> |
|-------------------|--|-------------|---------------------|----------------------|-------------------------------|
| 2020-2022 | | | | | |
| | DOP Equipment Replacement & Upgrades | EQ | 1,700,000 | 1,700,000 | |
| | DOP Golf Cart and Equipment Replacement | EQ | 1,000,000 | 1,000,000 | |
| | DOP Hospitality Upgrades | C-PI | 5,500,000 | 5,500,000 | |
| | DOP Miscellaneous Maintenance Pool | C-PI | 19,600,000 | 19,600,000 | |
| | DOP Statewide Campground Upgrades Phase III | C-PI | 3,000,000 | 3,000,000 | |
| | DOP Utility Infrastructure Replacement Phase III | C-PI | 8,158,000 | 8,158,000 | |
| | KCA Maintenance Pool | C-PI | 1,100,000 | 1,100,000 | |
| | KCA Whitney Hall Fly System Replacement | C-PI | 1,500,000 | 1,500,000 | |
| | KHP Minor Capital Projects Maintenance Pool | C-PI | 5,000,000 | 5,000,000 | |
| | SEC Miscellaneous Maintenance Pool | C-PI | 1,500,000 | 1,500,000 | |
| | SFB HVAC Master Plan Implementation Phase III | C-PI | 5,000,000 | 5,000,000 | |
| | SFB Miscellaneous Major Maintenance Pool 2020-22 | C-PI | 2,000,000 | 2,000,000 | |
| | 2020-2022 Total | | 55,058,000 | 55,058,000 | |
| | Grand Total | | 518,373,000 | 510,737,000 | 7,636,000 |

Tourism, Arts, and Heritage Cabinet (continued)

Projects involving the Road Fund

| <u>Priority #</u> | <u>Cab</u> | <u>Ag</u> | <u>Project</u> | <u>Type</u> | <u>Total Budget</u> | <u>General Funds</u> | <u>Other Funds/ Source(s)</u> |
|------------------------|------------|-----------|---|-------------|---------------------|----------------------|-------------------------------|
| 2016-2018 | | | | | | | |
| 1 | 1 | | DOP Road Maintenance Various Parks | C-PI | 3,500,000 | 3,500,000 | |
| 2 | 1 | | KHP Realign Roadway Nina Bonnie at Cigar Lane | C-PI | 1,000,000 | 1,000,000 | |
| 2016-2018 Total | | | | | 4,500,000 | 4,500,000 | |
| 2018-2020 | | | | | | | |
| | | | DOP Road Maintenance Various Parks | C-PI | 3,000,000 | 3,000,000 | |
| 2018-2020 Total | | | | | 3,000,000 | 3,000,000 | |
| 2020-2022 | | | | | | | |
| | | | DOP Road Maintenance Various Parks | C-PI | 5,100,000 | 5,100,000 | |
| 2020-2022 Total | | | | | 5,100,000 | 5,100,000 | |
| Grand Total | | | | | 12,600,000 | 12,600,000 | |

Tourism, Arts, and Heritage Cabinet (continued)

Projects NOT involving the General Fund, Road Fund, or Agency Bonds

| <u>Priority #</u> <u>Cab Ag</u> | <u>Project</u> | <u>Type</u> | <u>Total</u> <u>Budget</u> | <u>General</u> <u>Funds</u> | <u>Other Funds/</u> <u>Source(s)</u> |
|------------------------------------|---|-------------|-------------------------------|--------------------------------|---|
| 2016-2018 | | | | | |
| | DFW Camp Currie Dining Hall Construction | C-O | 2,500,000 | | RF/FF |
| | DFW Fees-in-Lieu-of Stream Mitigation Projects Pool | C-O | 40,000,000 | | RF |
| | DFW Land Acquisition Pool | C-O | 2,000,000 | | RF |
| | 2016-2018 Total | | 44,500,000 | | 44,500,000 |
| 2018-2020 | | | | | |
| | DFW Fees-in-Lieu-of Stream Mitigation Projects Pool | C-O | 40,000,000 | | RF |
| | DFW Land Acquisition Pool | C-O | 2,000,000 | | RF |
| | 2018-2020 Total | | 42,000,000 | | 42,000,000 |
| 2020-2022 | | | | | |
| | DFW Fees-in-Lieu-of Stream Mitigation Projects Pool | C-O | 40,000,000 | | RF |
| | DFW Land Acquisition Pool | C-O | 2,000,000 | | RF |
| | 2020-2022 Total | | 42,000,000 | | 42,000,000 |
| | Grand Total | | 128,500,000 | | 128,500,000 |

Explanation of Acronyms

| | |
|------|---|
| CCC | Civilian Conservation Corps |
| DFW | Department of Fish and Wildlife Resources |
| DOP | Department of Parks |
| KCA | Kentucky Center for the Arts |
| KEC | Kentucky Exposition Center |
| KHC | Kentucky Heritage Council |
| KHP | Kentucky Horse Park |
| KHS | Kentucky Historical Society |
| KICC | Kentucky International Convention Center |
| NKCC | Northern Kentucky Convention Center |
| SEC | Office of the Secretary |
| SFB | State Fair Board |
| SHS | State Historic Site |
| VIC | Visitor Information Center |

Transportation Cabinet

Projects involving the General Fund (Cash/Bonds)

| <u>Priority #</u> | <u>Cab</u> | <u>Ag</u> | <u>Project</u> | <u>Type</u> | <u>Total Budget</u> | <u>General Funds</u> | <u>Other Funds/ Source(s)</u> |
|------------------------|------------|-----------|--|-------------|---------------------|----------------------|-------------------------------|
| 2016-2018 | | | | | | | |
| 1 | 1 | | DOA Aircraft Major Maintenance Pool | EQ | 1,300,000 | 1,300,000 | |
| 2 | 1 | | SEC Various Airport Buildings Repair | C-PI | 600,000 | 600,000 | |
| 3 | 2 | | SEC Construct Two Medium Sized Box Hangars | C-O | 650,000 | 650,000 | |
| 4 | 3 | | SEC Construct Capital City Airport Terminal Building | C-O | 2,500,000 | 2,500,000 | |
| 5 | 4 | | SEC Construct One Aircraft Maintenance Hangar | C-O | 900,000 | 900,000 | |
| 2016-2018 Total | | | | | 5,950,000 | 5,950,000 | |
| 2018-2020 | | | | | | | |
| | | | DOA Aircraft Major Maintenance Pool | EQ | 1,350,000 | 1,350,000 | |
| | | | SEC Construct Ten Aircraft T-Hangars | C-O | 650,000 | 650,000 | |
| | | | SEC Various Airport Buildings Repair | C-PI | 683,000 | 683,000 | |
| 2018-2020 Total | | | | | 2,683,000 | 2,683,000 | |
| 2020-2022 | | | | | | | |
| | | | DOA Aircraft Major Maintenance Pool | EQ | 1,350,000 | 1,350,000 | |
| | | | SEC Various Airport Buildings Repair | C-PI | 812,000 | 812,000 | |
| 2020-2022 Total | | | | | 2,162,000 | 2,162,000 | |
| Grand Total | | | | | 10,795,000 | 10,795,000 | |

Transportation Cabinet (continued)

Projects involving the Road Fund

| <u>Priority #</u> | | <u>Project</u> | <u>Type</u> | <u>Total Budget</u> | <u>Road Fund</u> | <u>Other Funds/Source(s)</u> |
|------------------------|-----------|---|-------------|---------------------|-------------------|------------------------------|
| <u>Cab</u> | <u>Ag</u> | | | | | |
| 2016-2018 | | | | | | |
| 1 | 1 | SEC Building/Site Renovation and Emergency Repair | C-PI | 1,980,000 | 1,980,000 | |
| 2 | 2 | SEC Construct/Repair Salt Storage Structure and Ancillary Structure | C-PI | 2,650,000 | 2,650,000 | |
| 3 | 3 | SEC Site Renovation Repair and Replacement | C-PI | 1,235,000 | 1,235,000 | |
| 4 | 4 | SEC Painting & Roof Repair or Replacement | C-PI | 1,440,000 | 1,440,000 | |
| 5 | 5 | SEC Replace Overhead Doors and Emergency Repairs | C-PI | 775,000 | 775,000 | |
| 6 | 6 | SEC Water and Wastewater | C-PI | 695,000 | 695,000 | |
| 7 | 7 | SEC Upgrade HVAC Systems District Offices | C-PI | 950,000 | 950,000 | |
| 8 | 8 | SEC Upgrade to Energy Efficient Lighting | C-PI | 600,000 | 600,000 | |
| 9 | 1 | DOH Repair Loadometer & Rest Areas | C-PI | 4,000,000 | 4,000,000 | |
| 10 | 2 | DOH Various Environmental Compliance | C-O | 1,660,000 | 1,660,000 | |
| 11 | 3 | DOH Road Maintenance Parks | C-O | 3,000,000 | 3,000,000 | |
| 12 | 9 | SEC TED II (Transportation Enterprise Database II) | IT | 3,000,000 | 3,000,000 | |
| 13 | 10 | SEC Upgrade AASHTOWare | IT | 2,900,000 | 2,900,000 | |
| 14 | 1 | DVR Kentucky Automated Vehicle Information System | IT | 1,200,000 | 1,200,000 | |
| 15 | 2 | DVR Real ID Driver's License Program | IT | 5,000,000 | 5,000,000 | |
| 16 | 3 | DVR International Registration Plan | IT | 2,500,000 | 2,500,000 | |
| 17 | 4 | DVR Flat Digitized License Plates | EQ | 500,000 | 500,000 | |
| 18 | 11 | SEC Construct Marshall County Salt Store Brine Generator | C-O | 1,050,000 | 1,050,000 | |
| 19 | 12 | SEC Construct Pulaski County Salt Storage Expanded | C-O | 600,000 | 600,000 | |
| 20 | 13 | SEC Construct Madison County Salt Structure | C-O | 600,000 | 600,000 | |
| 21 | 14 | SEC Construct Christian County Maintenance Facility | C-O | 1,700,000 | 1,700,000 | |
| 22 | 15 | SEC Construct Morgan County Maintenance/Salt Facility | C-O | 1,675,000 | 1,675,000 | |
| 23 | 16 | SEC Construct Henry County Maintenance/Salt Facility | C-O | 1,815,000 | 1,815,000 | |
| 24 | 17 | SEC Construct Breckinridge County Maintenance/Salt Facility | C-O | 1,550,000 | 1,550,000 | |
| 25 | 18 | SEC Construct New Roadside Maintenance Buildings | C-O | 1,080,000 | 1,080,000 | |
| 26 | 19 | SEC Construct Letcher County Maintenance/Salt Facility | C-O | 1,675,000 | 1,675,000 | |
| 27 | 20 | SEC Construct Bath County Maintenance/Salt Facility | C-O | 1,940,000 | 1,940,000 | |
| 28 | 21 | SEC Construct District 5 Equipment Garage | C-O | 600,000 | 600,000 | |
| 2016-2018 Total | | | | 48,370,000 | 48,370,000 | |

Transportation Cabinet (continued)

Projects involving the Road Fund

| <u>Priority #</u> | <u>Project</u> | <u>Type</u> | <u>Total Budget</u> | <u>Road Fund</u> | <u>Other Funds/ Source(s)</u> |
|-------------------|---|-------------|---------------------|-------------------|-------------------------------|
| 2018-2020 | | | | | |
| | DOH Repair Loadometer and Rest Areas | C-PI | 5,000,000 | 5,000,000 | |
| | DOH Road Maintenance Parks | C-O | 3,000,000 | 3,000,000 | |
| | DOH Various Environmental Compliance | C-O | 1,160,000 | 1,160,000 | |
| | SEC Building/Site Renovation and Emergency Repair | C-PI | 2,140,000 | 2,140,000 | |
| | SEC Construct Boyd County Maintenance/Salt Facility | C-O | 1,940,000 | 1,940,000 | |
| | SEC Construct Boyle County Bridge Crew Facility | C-O | 600,000 | 600,000 | |
| | SEC Construct Butler County Maintenance/Salt Facility | C-O | 1,700,000 | 1,700,000 | |
| | SEC Construct Daviess County Maintenance Facility | C-O | 1,700,000 | 1,700,000 | |
| | SEC Construct District 5 Equipment Garage | C-O | 2,100,000 | 2,100,000 | |
| | SEC Construct Harlan County Maintenance Facility | C-O | 1,360,000 | 1,360,000 | |
| | SEC Construct Hart County Maintenance /Salt Facility | C-O | 1,550,000 | 1,550,000 | |
| | SEC Construct Hickman County Maintenance/Salt Facility | C-O | 1,815,000 | 1,815,000 | |
| | SEC Construct Hopkins County District 2 Office | C-O | 7,000,000 | 7,000,000 | |
| | SEC Construct Logan County Maintenance/Salt Facility | C-O | 1,700,000 | 1,700,000 | |
| | SEC Construct Marshall County Maintenance/Salt Facility | C-O | 1,675,000 | 1,675,000 | |
| | SEC Construct McCracken County District 1 Office | C-O | 7,000,000 | 7,000,000 | |
| | SEC Construct Mercer County Maintenance Facility | C-O | 1,600,000 | 1,600,000 | |
| | SEC Construct Nelson County Maintenance/Salt Facility | C-O | 1,700,000 | 1,700,000 | |
| | SEC Construct Pike County Maintenance/Salt Facility | C-O | 1,675,000 | 1,675,000 | |
| | SEC Construct Robertson County Maintenance/Salt Facility | C-O | 1,815,000 | 1,815,000 | |
| | SEC Construct Simpson County Maintenance/Salt Facility | C-O | 1,700,000 | 1,700,000 | |
| | SEC Construct Trimble County Maintenance/Salt Facility | C-O | 1,815,000 | 1,815,000 | |
| | SEC Construct Union County Maintenance/Salt Facility | C-O | 1,815,000 | 1,815,000 | |
| | SEC Construct Wolfe County Maintenance/Salt Facility | C-O | 1,675,000 | 1,675,000 | |
| | SEC Construct/Repair Salt Storage Structure and Ancillary Structure | C-PI | 2,865,000 | 2,865,000 | |
| | SEC Painting & Roof Repair or Replacement | C-PI | 1,560,000 | 1,560,000 | |
| | SEC Replace Overhead Doors and Emergency Repairs | C-PI | 835,000 | 835,000 | |
| | SEC Site Renovation Repair and Replacement | C-PI | 1,335,000 | 1,335,000 | |
| | SEC TED II (Transportation Enterprise Database II) | IT | 623,000 | 623,000 | |
| | SEC Upgrade AASHTOWare | IT | 2,400,000 | 2,400,000 | |
| | SEC Upgrade HVAC Systems District Offices | C-PI | 900,000 | 900,000 | |
| | SEC Upgrade to Energy Efficient Lighting | C-PI | 600,000 | 600,000 | |
| | SEC Water and Wastewater | C-PI | 725,000 | 725,000 | |
| | 2018-2020 Total | | 67,078,000 | 67,078,000 | |

Transportation Cabinet (continued)

Projects involving the Road Fund

| <u>Priority #</u> <u>Cab Ag</u> | <u>Project</u> | <u>Type</u> | <u>Total</u> <u>Budget</u> | <u>Road</u> <u>Fund</u> | <u>Other Funds/</u> <u>Source(s)</u> |
|------------------------------------|---|-------------|-------------------------------|----------------------------|---|
| | | | 2020-2022 | | |
| | DOH Repair Loadometer and Rest Areas | C-PI | 6,000,000 | 6,000,000 | |
| | DOH Road Maintenance Parks | C-O | 3,000,000 | 3,000,000 | |
| | DOH Various Environmental Compliance | C-O | 1,010,000 | 1,010,000 | |
| | SEC Building/Site Renovation and Emergency Repair | C-PI | 2,311,000 | 2,311,000 | |
| | SEC Construct Breathitt County Maintenance Roadside Building | C-O | 1,200,000 | 1,200,000 | |
| | SEC Construct Carroll County Maintenance Facility | C-O | 1,600,000 | 1,600,000 | |
| | SEC Construct Elliott County Maintenance/Salt Facility | C-O | 1,850,000 | 1,850,000 | |
| | SEC Construct Fleming/Rowan County District 9 Office | C-O | 8,250,000 | 8,250,000 | |
| | SEC Construct Grant County Environment Facility | C-O | 1,400,000 | 1,400,000 | |
| | SEC Construct Kenton County District Office and Materials Lab | C-O | 7,200,000 | 7,200,000 | |
| | SEC Construct/Repair Salt Storage Structure & Ancillary Structure | C-PI | 4,273,000 | 4,273,000 | |
| | SEC Painting & Roof Repair or Replacement | C-PI | 1,625,000 | 1,625,000 | |
| | SEC Replace Overhead Doors and Emergency Repairs | C-PI | 900,000 | 900,000 | |
| | SEC Site Renovation Repair and Replacement | C-PI | 1,444,000 | 1,444,000 | |
| | SEC Upgrade AASHTOWare | IT | 2,400,000 | 2,400,000 | |
| | SEC Upgrade HVAC Systems District Offices | C-PI | 900,000 | 900,000 | |
| | SEC Upgrade to Energy Efficient Lighting | C-PI | 600,000 | 600,000 | |
| | SEC Water and Wastewater | C-PI | 756,000 | 756,000 | |
| | 2020-2022 Total | | 46,719,000 | 46,719,000 | |
| | Grand Total | | 162,167,000 | 162,167,000 | |

Explanation of Acronyms

| | |
|-----|----------------------------------|
| DOA | Department of Aviation |
| DOH | Department of Highways |
| DVR | Department of Vehicle Regulation |
| SEC | Office of the Secretary |

Council on Postsecondary Education

Projects involving the General Fund (Cash/Bonds)

| <u>Priority #</u> | <u>Project</u> | <u>Type</u> | <u>Total Budget</u> | <u>General Funds</u> | <u>Other Funds/Source(s)</u> |
|-------------------|--|-------------|---------------------|----------------------|------------------------------|
| 2016-2018 | | | | | |
| 1 | Commonwealth College (HB265) Technology System | IT | 4,000,000 | 4,000,000 | |
| 2 | Kentucky Virtual Library Infrastructure Rebuild | IT | 8,500,000 | 8,500,000 | |
| 3 | Kentucky Regional Optical Network Infrastructure Enhancement | IT | 1,000,000 | 1,000,000 | |
| | 2016-2018 Total | | 13,500,000 | 13,500,000 | |
| | Grand Total | | 13,500,000 | 13,500,000 | |

Eastern Kentucky University

Projects involving the General Fund (Cash/Bonds)

| <u>Priority #</u> | <u>Cab</u> | <u>Ag</u> | <u>Project</u> | <u>Type</u> | <u>Total Budget</u> | <u>General Funds</u> | <u>Other Funds/ Source(s)</u> |
|------------------------|------------|-----------|--|-------------|---------------------|----------------------|-------------------------------|
| 2016-2018 | | | | | | | |
| 1 | | | Construct College of Education Complex | C-O | 83,455,000 | 83,455,000 | |
| 2 | | | Renovate Moore Building | C-PI | 30,000,000 | 30,000,000 | |
| 3 | | | Construct Aviation Instruction Facility | C-O | 4,000,000 | 4,000,000 | |
| 4 | | | Renovate Whalen Complex | C-PI | 22,837,000 | 20,837,000 | 2,000,000 OT-P |
| 5 | | | Expand/Upgrade Campus Data Network | IT | 13,212,000 | 11,212,000 | 2,000,000 RF |
| 6 | | | Renovate and Upgrade Heat Plant | C-PI | 5,500,000 | 5,500,000 | |
| 7 | | | Renovate HVAC Systems | C-PI | 10,000,000 | 5,000,000 | 5,000,000 RF |
| 8 | | | Upgrade Academic Computing | IT | 5,000,000 | 3,000,000 | 2,000,000 RF |
| 9 | | | Purchase Minor Projects Equipment | EQ | 5,000,000 | 5,000,000 | |
| 10 | | | Purchase Networked Education System Components | IT | 6,950,000 | 6,950,000 | |
| 11 | | | EKU-UK Dairy Research Project (Meadowbrook Farm) | C-O | 10,360,000 | 10,360,000 | |
| 2016-2018 Total | | | | | 196,314,000 | 185,314,000 | 11,000,000 |
| 2018-2020 | | | | | | | |
| | | | Construct Health Sciences Building (near hospital) | C-O | 33,150,000 | 33,150,000 | |
| | | | Construct University Information Technology Center | C-O | 41,397,000 | 41,397,000 | |
| | | | Renovate Bert Combs Building | C-PI | 26,300,000 | 26,300,000 | |
| 2018-2020 Total | | | | | 100,847,000 | 100,847,000 | |
| 2020-2022 | | | | | | | |
| | | | Construct Danville Postsecondary Education Center | C-O | 20,706,000 | 20,706,000 | |
| | | | Construct Extended Campus Corbin Phase II | C-O | 23,664,000 | 23,664,000 | |
| | | | Construct School for Performing & Visual Arts | C-O | 41,820,000 | 41,820,000 | |
| | | | Powell Building (Classroom Building) | C-PI | 41,830,000 | 41,830,000 | |
| | | | Renovate Alumni Coliseum | C-PI | 31,350,000 | 31,350,000 | |
| 2020-2022 Total | | | | | 159,370,000 | 159,370,000 | |
| Grand Total | | | | | 456,531,000 | 445,531,000 | 11,000,000 |

Eastern Kentucky University (continued)

Projects involving Agency Bonds

| <u>Priority #</u> | <u>Project</u> | <u>Type</u> | <u>Total Budget</u> | <u>General Funds</u> | <u>Other Funds/ Source(s)</u> |
|------------------------|--|-------------|---------------------|----------------------|-------------------------------|
| 2016-2018 | | | | | |
| 1 | Construct New Student Housing | C-O | 36,000,000 | | 36,000,000 AB |
| 2 | Construct Parking Deck | C-O | 15,000,000 | | 15,000,000 AB |
| 3 | Construct Student Life Facilities | C-O | 85,000,000 | | 85,000,000 AB |
| 4 | Demolish Residence Halls | C-O | 6,000,000 | | 6,000,000 AB |
| 5 | Renovate Residence Hall | C-PI | 12,500,000 | | 12,500,000 AB |
| 2016-2018 Total | | | 154,500,000 | | 154,500,000 |
| 2018-2020 | | | | | |
| | Construct New Student Housing | C-O | 19,200,000 | | 19,200,000 AB |
| | Renovate Residence Hall | C-PI | 12,500,000 | | 12,500,000 AB |
| 2018-2020 Total | | | 31,700,000 | | 31,700,000 |
| 2020-2022 | | | | | |
| | Construct New Student Housing Garden Apartments | C-O | 54,000,000 | | 54,000,000 AB |
| | Construct North Residential District Retail Unit | C-O | 2,250,000 | | 2,250,000 AB |
| | Renovate Residence Hall | C-PI | 14,000,000 | | 14,000,000 AB |
| 2020-2022 Total | | | 70,250,000 | | 70,250,000 |
| Grand Total | | | 256,450,000 | | 256,450,000 |

Eastern Kentucky University (continued)

Projects NOT involving the General Fund, Road Fund, or Agency Bonds

| <u>Priority #</u> | <u>Project</u> | <u>Type</u> | <u>Total Budget</u> | <u>General Funds</u> | <u>Other Funds/ Source(s)</u> |
|----------------------|--|-------------|---------------------|----------------------|-------------------------------|
| <u>Cab</u> <u>Ag</u> | | | | | |
| 2016-2018 | | | | | |
| | Commonwealth Hall Partial Repurposing and Renovate | C-O | 6,000,000 | | 6,000,000 RF |
| | Construct Alumni & Welcome Center | C-O | 12,000,000 | | 12,000,000 OT-P |
| | Construct Dining Facility | C-O | 35,000,000 | | 35,000,000 OT-P |
| | Construct ECU Early Childhood Center | C-O | 3,350,000 | | 3,350,000 RF |
| | Construct ECU Scholar House | C-O | 10,000,000 | | 10,000,000 RF/OT-P |
| | Construct Public Safety Training Facility Addition | C-O | 9,938,000 | | 9,938,000 OT-LTF |
| | Construct Regional Health Facility | C-O | 12,500,000 | | 12,500,000 FF |
| | Construct Student Health Center | C-O | 2,705,000 | | 2,705,000 OT-P |
| | Expand Indoor Tennis Facility | C-O | 3,225,000 | | 3,225,000 OT-P |
| | Honors College | C-O | 2,000,000 | | 2,000,000 RF |
| | Miscellaneous Maintenance Pool | C-PI | 10,000,000 | | 10,000,000 RF |
| | Pedestrian Bridge | C-O | 2,000,000 | | 2,000,000 RF |
| | Purchase of Adjacent Property | C-PI | 3,000,000 | | 3,000,000 RF |
| | Renovate Ambulance Building | C-PI | 980,000 | | 980,000 RF |
| | Renovate Baseball Complex | C-PI | 3,000,000 | | 3,000,000 OT-P |
| | Renovate Lancaster Center Building | C-PI | 1,472,000 | | 1,472,000 OT-P |
| | Renovate Property | C-PI | 3,000,000 | | 3,000,000 OT-P |
| | Renovate Women's Softball Complex | C-PI | 3,000,000 | | 3,000,000 OT-P |
| | Upgrade Administrative Computing System | IT | 3,150,000 | | 3,150,000 RF |
| | 2016-2018 Total | | 126,320,000 | | 126,320,000 |
| 2018-2020 | | | | | |
| | Construct Indoor Recreation/Wellness Facility | C-O | 15,000,000 | | 15,000,000 OT-P |
| | Construct University Hotel & Conference Center | C-O | 30,000,000 | | 30,000,000 OT-P |
| | Miscellaneous Maintenance Pool | C-PI | 10,000,000 | | 10,000,000 RF |
| | 2018-2020 Total | | 55,000,000 | | 55,000,000 |
| 2020-2022 | | | | | |
| | Miscellaneous Maintenance Pool | C-PI | 10,000,000 | | 10,000,000 RF |
| | 2020-2022 Total | | 10,000,000 | | 10,000,000 |
| | Grand Total | | 191,320,000 | | 191,320,000 |

Explanation of Acronyms

EKU Eastern Kentucky University
 UK University of Kentucky

Kentucky Community and Technical College System

Projects involving the General Fund (Cash/Bonds)

| <u>Priority #</u> | <u>Project</u> | <u>Type</u> | <u>Total Budget</u> | <u>General Funds</u> | <u>Other Funds/Source(s)</u> |
|------------------------|--|-------------|---------------------|----------------------|------------------------------|
| 2016-2018 | | | | | |
| 1 | Expansion of Pikeville Campus Big Sandy CTC | C-O | 28,000,000 | 28,000,000 | |
| 2 | Construct Comm Intergen Center Add'l Lees Hazard CTC | C-O | 8,700,000 | 8,700,000 | |
| 3 | Construct Arts and Humanities Building Somerset CC North Add'l | C-O | 25,300,000 | 25,300,000 | |
| 4 | Construct Newtown Campus Phase II Bluegrass CTC | C-O | 91,000,000 | 91,000,000 | |
| 5 | Construct Advanced Manufacturing Center Phase I Jefferson CTC | C-O | 33,400,000 | 33,400,000 | |
| 6 | Renovate Southeastern Campus Owensboro CTC | C-PI | 3,000,000 | 3,000,000 | |
| 7 | Renovate Main Building Phase II Ashland CTC | C-PI | 36,500,000 | 36,500,000 | |
| 8 | Construct Muhlenberg Campus Phase II Madisonville CC | C-O | 15,200,000 | 15,200,000 | |
| 9 | Construct Urban Campus Phase II Gateway CTC | C-O | 33,000,000 | 33,000,000 | |
| 10 | Construct Transpark Phase II Southcentral KY CTC | C-O | 13,300,000 | 13,300,000 | |
| 11 | Renovate Downtown Campus Phase II JCTC | C-PI | 42,900,000 | 42,900,000 | |
| 12 | Renovate Downtown Campus Owensboro CTC | C-O | 3,000,000 | 3,000,000 | |
| 13 | Renovate Administration Building Maysville CTC | C-PI | 11,800,000 | 11,800,000 | |
| 14 | Renovate LRC Building Hopkinsville CC | C-PI | 4,900,000 | 4,900,000 | |
| 15 | Const Allied Health Building Phase II West KY CTC | C-O | 11,600,000 | 11,600,000 | |
| 16 | Renovate Sullivan Tech Center Henderson CC | C-PI | 4,900,000 | 4,900,000 | |
| 17 | Renovate 300 Occupational Tech Building Elizabethtown CTC | C-PI | 12,600,000 | 12,600,000 | |
| 18 | Renovate Main Campus Buildings Southcentral KY CTC | C-PI | 10,600,000 | 10,600,000 | |
| 19 | Construct Extension Center Russell County Somerset CC | C-O | 18,600,000 | 18,600,000 | |
| 20 | Renovate Roberts Drive North Campus Ashland CTC | C-PI | 5,600,000 | 5,600,000 | |
| 21 | Renovate Whitesburg High School Southeast KY CTC | C-PI | 23,000,000 | 23,000,000 | |
| 22 | Renovate Student Center Building Elizabethtown CTC | C-PI | 4,300,000 | 4,300,000 | |
| 23 | Construct Student Learning Center Hopkinsville CC | C-O | 20,200,000 | 20,200,000 | |
| 24 | Construct 3rd Floor Addition to LRC Madisonville CC | C-PI | 5,000,000 | 5,000,000 | |
| 25 | Replace HVAC System Phase I Owensboro CTC | C-PI | 3,500,000 | 3,500,000 | |
| 26 | Renovate Admin Building Newtown Campus Bluegrass CTC | C-PI | 3,800,000 | 3,800,000 | |
| 27 | Replace HVAC Units Somerset CC South Campus | C-PI | 2,200,000 | 2,200,000 | |
| 28 | Renovate Learning Resource Center Ashland CTC | C-PI | 6,000,000 | 6,000,000 | |
| 29 | Renovate Big Sandy CTC Facilities College wide | C-PI | 7,500,000 | 7,500,000 | |
| 30 | Construct Tech Ed Building Somerset CC Laurel North | C-O | 26,800,000 | 26,800,000 | |
| 31 | Construct Allied Health Building Henderson CC | C-O | 18,600,000 | 18,600,000 | |
| 32 | Construct Bullitt County Campus Jefferson CTC | C-O | 18,200,000 | 18,200,000 | |
| 33 | Renovate Mining Building Southeast KY CTC Harlan Campus | C-PI | 8,600,000 | 8,600,000 | |
| 34 | Renovate for Southeast Education Alliance Center SKCTC | C-O | 25,500,000 | 25,500,000 | |
| 35 | Expansion of Fine Arts Center Henderson CC | C-O | 4,400,000 | 4,400,000 | |
| 36 | KCTCS Information Tech Infrastructure Upgrade | IT | 12,000,000 | 12,000,000 | |
| 37 | KCTCS CEMCS Upgrades | C-PI | 2,000,000 | 2,000,000 | |
| 38 | Capital Renewal & Deferred Maintenance Pool | C-PI | 20,000,000 | 20,000,000 | |
| 2016-2018 Total | | | 625,500,000 | 625,500,000 | |

Kentucky Community and Technical College System (continued)

Projects involving the General Fund (Cash/Bonds)

| <u>Priority #</u> | | | <u>Total</u> | <u>General</u> | <u>Other Funds/</u> |
|-------------------|-----------|--|---------------|--------------------|---------------------|
| <u>Cab</u> | <u>Ag</u> | <u>Project</u> | <u>Budget</u> | <u>Funds</u> | <u>Source(s)</u> |
| 2018-2020 | | | | | |
| | | Construct Advanced Manufacturing Center Phase II JCTC | C-O | 28,200,000 | 28,200,000 |
| | | Construct Allied Health Building, Hazard CTC | C-O | 25,300,000 | 25,300,000 |
| | | Construct Aviation Maintenance Facility Jefferson CTC | C-O | 16,900,000 | 16,900,000 |
| | | Construct Child Care Center Southeast KY CTC Cumberland | C-O | 4,300,000 | 4,300,000 |
| | | Construct Child Care Center Southeast KY CTC Middlesboro | C-O | 4,300,000 | 4,300,000 |
| | | Construct Completion of Loop Drive Maysville CTC | C-PI | 5,500,000 | 5,500,000 |
| | | Construct Emerging Tech Center Expansion West KY CTC | C-O | 15,000,000 | 15,000,000 |
| | | Construct LRC/Student Services Building Jefferson CTC DT | C-O | 35,900,000 | 35,900,000 |
| | | Construct M & O Facility Hopkinsville CC | C-O | 3,200,000 | 3,200,000 |
| | | Construct Maintenance Building Southeast Middlesboro | C-O | 3,200,000 | 3,200,000 |
| | | Construct Maintenance Building Southeast Cumberland | C-O | 3,200,000 | 3,200,000 |
| | | Construct MCTC/MSU Postsecondary Center of Excellence Phase II | C-O | 15,100,000 | 15,100,000 |
| | | Construct Parking Edgewood Campus Gateway CTC | C-O | 2,500,000 | 2,500,000 |
| | | Construct Technology Drive Campus Phase III Add'l Ashland | C-O | 13,600,000 | 13,600,000 |
| | | Construct Skill Craft Train Center Phase IV West KY CTC | C-PI | 6,800,000 | 6,800,000 |
| | | Construct Central Plant Southeast Harlan | C-PI | 900,000 | 900,000 |
| | | Construct Technology Building Henderson CC | C-O | 11,500,000 | 11,500,000 |
| | | Construct Union County Tech Center Henderson CC | C-O | 5,900,000 | 5,900,000 |
| | | Expansion of Shelby County Campus Jefferson CTC | C-O | 15,000,000 | 15,000,000 |
| | | Expansion of Glasgow Campus Southcentral KY CTC | C-O | 18,500,000 | 18,500,000 |
| | | Infrastructure Upgrades Madisonville CC | C-PI | 1,200,000 | 1,200,000 |
| | | Renovate Breathitt Veterinary Center Hopkinsville CC | C-PI | 8,400,000 | 8,400,000 |
| | | Renovate Chestnut Hall Jefferson CTC Downtown Campus | C-PI | 34,700,000 | 34,700,000 |
| | | Renovate Newtown Campus North Buildings Bluegrass CTC | C-PI | 4,100,000 | 4,100,000 |
| | | Renovate 200 Occupational Tech Building Elizabethtown CTC | C-PI | 7,300,000 | 7,300,000 |
| | | Renovate Tech Campus Madisonville CC | C-PI | 3,157,000 | 3,157,000 |
| | | Renovate Administration Building Southeast Harlan | C-PI | 6,400,000 | 6,400,000 |
| | | Renovate Goodpaster Building Ashland CTC | C-PI | 3,500,000 | 3,500,000 |
| | | Renovate Restrooms All Campuses Somerset CC | C-PI | 1,200,000 | 1,200,000 |
| | | Renovate Waller Hall West KY CTC | C-PI | 4,000,000 | 4,000,000 |
| | | Renovation Pineville Campus Southeast KY CTC | C-PI | 5,000,000 | 5,000,000 |
| | | Replace HVAC System Phase II Owensboro CTC | C-PI | 3,956,000 | 3,956,000 |
| | | Replace Industrial Education Building Tech Campus Hazard CTC | C-O | 18,800,000 | 18,800,000 |
| | | Replace Switch Gears Somerset CC North Campus | C-PI | 1,000,000 | 1,000,000 |
| | | Soil Stabilization Godbey Southeast Cumberland | C-PI | 1,000,000 | 1,000,000 |
| | | Upgrade Entrance Ways & Parking Ashland CTC | C-PI | 1,800,000 | 1,800,000 |
| | | Upgrade Fire Alarm/Sprinkler System Somerset CC | C-PI | 3,300,000 | 3,300,000 |
| | | Upgrade HVAC Equipment & Centrals Tech Campus Hazard CTC | C-PI | 3,000,000 | 3,000,000 |
| | | Upgrade Safety & Security Systems Jefferson CTC | C-PI | 1,000,000 | 1,000,000 |
| | | 2018-2020 Total | | 347,613,000 | 347,613,000 |

Kentucky Community and Technical College System (continued)

Projects involving the General Fund (Cash/Bonds)

| <u>Priority</u> <u>Cab</u> <u>Ag</u> | <u>Project</u> | <u>Type</u> | <u>Total</u> <u>Budget</u> | <u>General</u> <u>Funds</u> | <u>Other Funds/</u> <u>Source(s)</u> |
|---|---|-------------|-------------------------------|--------------------------------|---|
| 2020-2022 | | | | | |
| | Acquire & Renovate Middlesboro Communication Center Southeast | C-O | 2,600,000 | 2,600,000 | |
| | Acquire Land/Campus Upgrades Somerset CC | C-O | 5,500,000 | 5,500,000 | |
| | Construct Carrollton Campus Phase II Jefferson CTC | C-O | 20,200,000 | 20,200,000 | |
| | Construct Child Development Center Henderson CC | C-O | 6,100,000 | 6,100,000 | |
| | Construct Classroom/Student Center Boone Campus Gateway CTC | C-O | 40,600,000 | 40,600,000 | |
| | Construct Commonwealth College Center West KY CTC | C-O | 14,700,000 | 14,700,000 | |
| | Construct Danville Campus Expansion Bluegrass CTC | C-O | 15,600,000 | 15,600,000 | |
| | Construct Licking Valley Center Phase III Maysville CTC | C-O | 11,700,000 | 11,700,000 | |
| | Construct Maintenance and Tech Building West KY CTC | C-O | 1,900,000 | 1,900,000 | |
| | Construct Maintenance Facilities Jefferson CTC | C-PI | 7,600,000 | 7,600,000 | |
| | Construct New Campus Entrance Jefferson CTC SW | C-PI | 1,500,000 | 1,500,000 | |
| | Construct Regional Emergency Service Facility Ashland CTC | C-PI | 13,400,000 | 13,400,000 | |
| | Construct Regional Postsecondary Building Ashland CTC | C-O | 16,400,000 | 16,400,000 | |
| | Construct Training Facility NARA Bluegrass CTC | C-O | 6,400,000 | 6,400,000 | |
| | Construct Urban Campus Phase III Gateway CTC | C-O | 12,200,000 | 12,200,000 | |
| | Construct Winchester Campus Expansion Bluegrass CTC | C-O | 17,900,000 | 17,900,000 | |
| | Construct Bullitt County Campus Phase II Jefferson CTC | C-O | 12,800,000 | 12,800,000 | |
| | Construct New Road Entrances Southeast Cumberland | C-PI | 2,400,000 | 2,400,000 | |
| | Expand Leitchfield Campus Elizabethtown CTC | C-O | 6,900,000 | 6,900,000 | |
| | Expansion of KATI SKY CTC | C-O | 16,500,000 | 16,500,000 | |
| | Purchase & Renovate Jefferson Education Center Jefferson CTC | C-O | 37,200,000 | 37,200,000 | |
| | Renovate Auditorium SW Campus Jefferson CTC | C-PI | 3,300,000 | 3,300,000 | |
| | Renovate for Creative Development Center Southeast KY | C-PI | 5,500,000 | 5,500,000 | |
| | Renovate Mechanical Systems Jefferson CTC Campuses | C-PI | 8,000,000 | 8,000,000 | |
| | Renovate Science Labs Jefferson CTC | C-PI | 6,200,000 | 6,200,000 | |
| | Renovate Smith Admin Building Lees Campus Hazard CTC | C-PI | 2,800,000 | 2,800,000 | |
| | Renovate Van Meter Gym Lees Campus Hazard CTC | C-PI | 1,600,000 | 1,600,000 | |
| | Renovate Concourse Southeast KY CTC Cumberland | C-PI | 1,400,000 | 1,400,000 | |
| | Renovate Main Campus Owensboro CTC | C-PI | 4,000,000 | 4,000,000 | |
| | Repave Parking Lots Jefferson CTC | C-PI | 800,000 | 800,000 | |
| | Replace HVAC System Laurel South Campus Somerset CC | C-PI | 1,000,000 | 1,000,000 | |
| | Replace HVAC System Phase III Owensboro CTC | C-PI | 4,100,000 | 4,100,000 | |
| | Replace Windows & Doors Somerset South Campus | C-PI | 1,500,000 | 1,500,000 | |
| | Upgrade College Building Utilities Jefferson CTC | C-PI | 3,800,000 | 3,800,000 | |
| | Upgrade Parking Lot Maysville CTC | C-PI | 1,000,000 | 1,000,000 | |
| | 2020-2022 Total | | 315,100,000 | 315,100,000 | |
| | Grand Total | | 1,288,213,000 | 1,288,213,000 | |

Kentucky Community and Technical College System (continued)

Projects NOT involving the General Fund, Road Fund, or Agency Bonds

| <u>Priority #</u> <u>Cab Ag</u> | <u>Project</u> | <u>Type</u> | <u>Total</u> <u>Budget</u> | <u>General</u> <u>Funds</u> | <u>Other Funds/</u> <u>Source(s)</u> |
|------------------------------------|---|-------------|-------------------------------|--------------------------------|---|
| 2016-2018 | | | | | |
| | Acquisition of KCTCS System Office Building | C-O | 5,500,000 | 5,500,000 | RF |
| | Construct Fire Commission System Office Building | C-O | 5,527,000 | 5,527,000 | RF |
| | Construct Parking Lot and Lighting Madisonville CC | C-O | 1,300,000 | 1,300,000 | RF |
| | Construct New Entrance Bluegrass CTC Leestown | C-PI | 1,000,000 | 1,000,000 | RF |
| | Construct CPAT Center Fire Commission | C-O | 1,500,000 | 1,500,000 | RF |
| | Construct Second Entrance Main Madisonville CC | C-O | 1,000,000 | 1,000,000 | RF |
| | Construct State Fire Rescue Training Area 7 Building | C-O | 1,500,000 | 1,500,000 | RF |
| | Expansion of Welding Facility Hopkinsville CC | C-O | 1,600,000 | 1,600,000 | RF |
| | Guaranteed Energy Savings Project Pool | C-PI | 20,000,000 | 20,000,000 | OT-LTF |
| | Install Sprinkler Systems West KY CTC | C-PI | 1,500,000 | 1,500,000 | RF |
| | KCTCS Equipment Pool | EQ | 12,000,000 | 12,000,000 | RF |
| | KCTCS Property Acquisition Pool | C-O | 10,000,000 | 10,000,000 | RF |
| | Renovate Administration Building Southeast Whitesburg | C-PI | 3,800,000 | 3,800,000 | RF |
| | Renovate Leestown Campus Bluegrass CTC | C-PI | 6,000,000 | 6,000,000 | RF |
| | Renovate Skill Craft Train Center Phase III West KY CTC | C-PI | 1,800,000 | 1,800,000 | RF |
| | Renovate Welding Lab Maysville CTC | C-PI | 1,000,000 | 1,000,000 | RF |
| | Renovations Main Campus West KY CTC | C-PI | 2,000,000 | 2,000,000 | RF |
| | Replace Auditorium Building Roof Hopkinsville CC | C-O | 1,000,000 | 1,000,000 | RF |
| | Replace Fire Alarm & Security System Maysville CTC | C-PI | 1,000,000 | 1,000,000 | RF |
| | Stabilize Soil Industrial Ed Building Hazard CTC Add'l | C-O | 1,900,000 | 1,900,000 | RF |
| | Upgrade Safety & Security Systems Hazard CTC | C-PI | 1,000,000 | 1,000,000 | RF |
| | Upgrade Welding Shop Big Sandy CTC Mayo | C-PI | 1,500,000 | 1,500,000 | RF |
| | 2016-2018 Total | | 83,427,000 | 83,427,000 | |
| 2020-2022 | | | | | |
| | Acquisition G-1000 Redbird MCX Southeast | EQ | 200,000 | 200,000 | RF |
| | Construct Arboretum & Trails Maysville CTC | C-O | 1,320,000 | 1,320,000 | RF |
| | 2020-2022 Total | | 1,520,000 | 1,520,000 | |
| | Grand Total | | 84,947,000 | 84,947,000 | |

Explanation of Acronyms

| | | | |
|-------|---|-------|--|
| CC | Community College | LRC | Learning Resource Center |
| CPAT | Candidate Physical Agility Testing | MCTC | Maysville Community and Technical College |
| CTC | Community and Technical College | MSU | Morehead State University |
| JCTC | Jefferson Community and Technical College | NARA | North American Racing Academy |
| KATI | Kentucky Advanced Technology Center | SKCTC | Southeast Kentucky Community and Technical College |
| KCTCS | Kentucky Community and Technical College System | | |

Kentucky State University

Projects involving the General Fund (Cash/Bonds)

| <u>Priority #</u> | <u>Project</u> | <u>Type</u> | <u>Total Budget</u> | <u>General Funds</u> | <u>Other Funds/ Source(s)</u> |
|------------------------|--|-------------|---------------------|----------------------|-------------------------------|
| 2016-2018 | | | | | |
| 1 | School of Nursing | C-PI | 13,014,000 | 13,014,000 | |
| 2 | Roof Repair & Replacement Pool 2016 | C-O | 2,860,000 | 2,860,000 | |
| 3 | Capital Renewal & Maintenance Projects Pool 2016 | C-PI | 1,302,000 | 1,302,000 | |
| 4 | Life Safety Upgrade Pool 2016 | C-PI | 1,190,000 | 1,190,000 | |
| 5 | Upgrade Information Tech Infrastructure 2016 | IT | 10,000,000 | 10,000,000 | |
| 6 | Expand Emergency Notification System | IT | 4,580,000 | 4,580,000 | |
| 7 | Improvements to Instructional Technology | IT | 2,500,000 | 2,500,000 | |
| 8 | Enhance the Enterprise Resource Planning System | IT | 5,000,000 | 5,000,000 | |
| 9 | Construct Warehouse 2016 | C-O | 3,642,000 | 3,642,000 | |
| 10 | Integrated Digital Campus | IT | 11,450,000 | 11,450,000 | |
| 11 | Construct Business & Technology Center | C-PI | 31,528,000 | 31,528,000 | |
| 12 | Construct Classrooms/Performing Arts Center | C-PI | 56,753,000 | 56,753,000 | |
| 2016-2018 Total | | | 143,819,000 | 143,819,000 | |
| 2018-2020 | | | | | |
| | Capital Renewal & Maintenance Projects Pool 2018 | C-PI | 1,310,000 | 1,310,000 | |
| | Life Safety Upgrade Pool 2018 | C-PI | 872,000 | 872,000 | |
| | Roof Repair & Replacement Pool 2018 | C-PI | 605,000 | 293,000 | 312,000 RF |
| | Upgrade Computers Campus Wide 2018 | IT | 2,500,000 | 2,500,000 | |
| | Upgrade Information Tech Infrastructure 2018 | IT | 10,000,000 | 10,000,000 | |
| 2018-2020 Total | | | 15,287,000 | 14,975,000 | 312,000 |
| 2020-2022 | | | | | |
| | Capital Renewal and Maintenance Projects Pool 2020 | C-PI | 1,460,000 | 1,460,000 | |
| | Life Safety Upgrade Pool 2020 | C-PI | 872,000 | 872,000 | |
| | Roof Repair and Replacement Pool 2020 | C-PI | 1,078,000 | 1,078,000 | |
| | Upgrade Computers Campus Wide 2020 | IT | 2,500,000 | 2,500,000 | |
| | Upgrade Information Tech Infrastructure 2020 | IT | 10,000,000 | 10,000,000 | |
| 2020-2022 Total | | | 15,910,000 | 15,910,000 | |
| Grand Total | | | 175,016,000 | 174,704,000 | 312,000 |

Kentucky State University (continued)

Projects NOT involving the General Fund, Road Fund, or Agency Bonds

| <u>Priority #</u> | <u>Project</u> | <u>Type</u> | <u>Total Budget</u> | <u>General Funds</u> | <u>Other Funds/ Source(s)</u> |
|-------------------|--------------------------------------|-------------|---------------------|----------------------|-------------------------------|
| 2016-2018 | | | | | |
| | Acquire Land/Campus Master Plan 2016 | C-O | 2,000,000 | | RF/FF |
| | 2016-2018 Total | | 2,000,000 | 2,000,000 | |
| 2018-2020 | | | | | |
| | Acquire Land/Campus Master Plan 2018 | C-O | 2,000,000 | | RF/FF |
| | 2018-2020 Total | | 2,000,000 | 2,000,000 | |
| 2020-2022 | | | | | |
| | Acquire Land/Campus Master Plan 2020 | C-O | 2,000,000 | | RF/FF |
| | 2020-2022 Total | | 2,000,000 | 2,000,000 | |
| | Grand Total | | 6,000,000 | 6,000,000 | |

Morehead State University

Projects involving the General Fund (Cash/Bonds)

| <u>Priority #</u> | | | <u>Total</u> | <u>General</u> | <u>Other Funds/</u> | |
|------------------------|-----------|---|---------------|--------------------|---------------------|------------------|
| <u>Cab</u> | <u>Ag</u> | <u>Project</u> | <u>Budget</u> | <u>Funds</u> | <u>Source(s)</u> | |
| 2016-2018 | | | | | | |
| 1 | | Construct Center for Excellence in Ed for Performing Arts | C-O | 65,502,000 | 60,502,000 | 5,000,000 OT-P |
| 2 | | Renovate Combs Classroom Building | C-PI | 45,050,000 | 45,050,000 | |
| 3 | | Construct Vet Tech Clinical Sciences Center | C-O | 13,809,000 | 13,809,000 | |
| 4 | | Reconstruct Central Campus | C-O | 3,000,000 | 3,000,000 | |
| 5 | | Water Plant Sediment Basin | C-PI | 1,500,000 | 1,500,000 | |
| 6 | | Upgrade Campus Fire & Security Systems | C-PI | 2,670,000 | 2,670,000 | |
| 7 | | Enhance Network/Infrastructure Resources Add'l | IT | 3,000,000 | 3,000,000 | |
| 8 | | Upgrade and Expand Distance Learning | IT | 1,700,000 | 1,700,000 | |
| 9 | | Replace Electrical Switchgear B | C-PI | 1,800,000 | 1,800,000 | |
| 10 | | Acquire Land Related to Master Plan | C-O | 9,000,000 | 9,000,000 | |
| 11 | | Purchase Equipment for Biochemistry Lab | EQ | 548,000 | 548,000 | |
| 12 | | Enhance Library Automation Resources | IT | 1,539,000 | 1,539,000 | |
| 13 | | Comply with ADA E&G | C-PI | 3,767,000 | 3,767,000 | |
| 14 | | Capital Renewal and Maintenance Pool E&G | C-PI | 6,259,000 | 6,259,000 | |
| 15 | | Purchase Instructional Tech Initiatives | EQ | 3,021,000 | 3,021,000 | |
| 16 | | Upgrade Administrative Office Systems | IT | 4,864,000 | 4,864,000 | |
| 17 | | Upgrade Instructional PCs/LANS/Peripherals | IT | 6,080,000 | 6,080,000 | |
| 18 | | Capital Renewal and Maintenance Pool University Farm | C-PI | 1,209,000 | 1,209,000 | |
| 19 | | Construct Classroom/Lab Building at Browning Orchard | C-O | 1,942,000 | 1,942,000 | |
| 20 | | Renovate Button Auditorium | C-O | 15,999,000 | 15,999,000 | |
| 21 | | Renovate Howell-McDowell | C-PI | 1,296,000 | 1,296,000 | |
| 22 | | Renovate Jayne Stadium | C-PI | 39,761,000 | 39,761,000 | |
| 2016-2018 Total | | | | 233,316,000 | 228,316,000 | 5,000,000 |

Morehead State University (continued)

Projects involving the General Fund (Cash/Bonds)

| <u>Priority #</u> <u>Cab Ag</u> | <u>Project</u> | <u>Type</u> | <u>Total Budget</u> | <u>General Funds</u> | <u>Other Funds/ Source(s)</u> |
|------------------------------------|---|-------------|---------------------|----------------------|-------------------------------|
| 2018-2020 | | | | | |
| | Acquire Land Related to Master Plan | C-O | 4,000,000 | 4,000,000 | |
| | Campus Drainage Project | C-PI | 15,792,000 | 15,792,000 | |
| | Capital Renewal and Maintenance Pool E&G | C-PI | 1,317,000 | 1,317,000 | |
| | Comply with ADA E&G | C-PI | 4,884,000 | 4,884,000 | |
| | Construct General Office Building | C-O | 11,911,000 | 11,911,000 | |
| | Construct MCTC/MSU Postsec Center of Exc Phase II | C-O | 15,100,000 | 15,100,000 | |
| | Plan and Design Library Facility | C-O | 2,158,000 | 2,158,000 | |
| | Renovate Lloyd Cassity Building | C-PI | 29,051,000 | 29,051,000 | |
| | 2018-2020 Total | | 84,213,000 | 84,213,000 | |
| 2020-2022 | | | | | |
| | Acquire Land Related to Master Plan | C-O | 4,000,000 | 4,000,000 | |
| | Capital Renewal and Maintenance Pool E&G | C-PI | 2,207,000 | 2,207,000 | |
| | Comply with ADA E&G | C-PI | 4,293,000 | 4,293,000 | |
| | Construct Facilities Management Office Complex | C-O | 11,065,000 | 11,065,000 | |
| | Construct Indoor Practice Facility | C-O | 20,055,000 | 20,055,000 | |
| | Construct New Baseball/Softball Complex | C-O | 15,393,000 | 15,393,000 | |
| | Construct New Library Facility | C-O | 77,846,000 | 77,846,000 | |
| | Expand Claypool Young Building | C-PI | 4,580,000 | 4,580,000 | |
| | Expand Life Safety E&G Facilities | C-PI | 986,000 | 986,000 | |
| | Renovate Academic Athletic Center | C-PI | 38,271,000 | 38,271,000 | |
| | Renovate Allie Young Hall | C-PI | 26,620,000 | 26,620,000 | |
| | Renovate Ginger Hall Classroom Building | C-PI | 61,610,000 | 61,610,000 | |
| | Renovate Reed Hall | C-PI | 33,168,000 | 33,168,000 | |
| | 2020-2022 Total | | 300,094,000 | 300,094,000 | |
| | Grand Total | | 617,623,000 | 617,623,000 | 5,000,000 |

Morehead State University (continued)

Projects involving Agency Bonds

| <u>Priority #</u> | <u>Project</u> | <u>Type</u> | <u>Total Budget</u> | <u>General Funds</u> | <u>Other Funds/ Source(s)</u> |
|------------------------|--|-------------|---------------------|----------------------|-------------------------------|
| 2016-2018 | | | | | |
| 1 | Capital Renewal and Maintenance Pool Auxiliary | C-PI | 3,961,000 | | AB |
| 2 | Comply with ADA Auxiliary | C-PI | 2,153,000 | | AB |
| 3 | Construct Food Service/Retail & Parking Add'l | C-O | 6,600,000 | | AB |
| 4 | Construct New Volleyball Facility Phase II | C-PI | 3,300,000 | | AB |
| 5 | Construct University Welcome Center/Alumni House | C-O | 7,920,000 | | AB/OT-P |
| 6 | Renovate Cartmell Residence Hall | C-PI | 15,200,000 | | AB |
| 7 | Replace Exterior Precast Panels Nunn Hall | C-O | 3,250,000 | | AB |
| 2016-2018 Total | | | 42,384,000 | 42,384,000 | |
| 2018-2020 | | | | | |
| | Comply with ADA Auxiliary | C-PI | 2,020,000 | | AB |
| | Construct New Parking Garage West Campus | C-O | 8,000,000 | | AB |
| 2018-2020 Total | | | 10,020,000 | 10,020,000 | |
| 2020-2022 | | | | | |
| | Comply with ADA Auxiliary | C-PI | 1,783,000 | | AB |
| | Construct New Parking Garage East Campus | C-O | 8,400,000 | | AB |
| 2020-2022 Total | | | 10,183,000 | 10,183,000 | |
| Grand Total | | | 62,587,000 | 62,587,000 | |

Explanation of Acronyms

E&G Education and General
MCTC Maysville Community and Technical College
MSU Morehead State University

Murray State University

Projects involving the General Fund (Cash/Bonds)

| <u>Priority #</u> | | | <u>Total</u> | <u>General</u> | <u>Other Funds/</u> |
|------------------------|-----------|---|--------------------|--------------------|---------------------|
| <u>Cab</u> | <u>Ag</u> | <u>Project</u> | <u>Budget</u> | <u>Funds</u> | <u>Source(s)</u> |
| 2016-2018 | | | | | |
| 1 | | Upgrade Campus Electrical Distribution System | 16,494,000 | 16,494,000 | |
| 2 | | Replace Campus Steam Distribution System | 7,549,000 | 7,549,000 | |
| 3 | | Upgrade Building System Capital Renewal Pool <\$600,000 | 6,616,000 | 6,616,000 | |
| 4 | | Renovate Pogue Library | 11,435,000 | 11,435,000 | |
| 5 | | Renovate & Restore Lovett Auditorium | 17,600,000 | 17,600,000 | |
| 6 | | Renovate & Expand Waterfield Library | 19,700,000 | 19,700,000 | |
| 7 | | Complete Life Safety Projects E&G Pool <\$600,000 | 3,062,000 | 3,062,000 | |
| 8 | | Complete ADA Compliance E&G Pool <\$600,000 | 6,289,000 | 6,289,000 | |
| 9 | | Renovate Blackburn Science | 16,000,000 | 16,000,000 | |
| 10 | | Abate Asbestos E&G Pool < \$600,000 | 502,000 | 502,000 | |
| 11 | | Replace Expo Center Roof | 1,201,000 | 1,201,000 | |
| 12 | | Upgrade Campus Network | 3,162,000 | 3,162,000 | |
| 13 | | Upgrade Campus Phone System | 1,781,000 | 1,781,000 | |
| 14 | | Complete Capital Renewal E&G Pool <\$600,000 | 11,973,000 | 11,973,000 | |
| 15 | | Renovate Wrather Hall | 2,000,000 | 2,000,000 | |
| 16 | | Waterproof Stewart Stadium | 1,116,000 | 1,116,000 | |
| 17 | | Renovate Curris Center | 1,400,000 | 1,400,000 | |
| 18 | | Extend Energy Management System | 8,787,000 | 8,787,000 | |
| 19 | | Replace E&G Chiller/CFC Compliance | 1,221,000 | 1,221,000 | |
| 20 | | Replace Stewart Stadium Playing Surface | 887,000 | 887,000 | |
| 21 | | Replace Blackburn Science Roof | 750,000 | 750,000 | |
| 22 | | Construct Open-Sided Stall Barn at Expo Center | 1,521,000 | 1,521,000 | |
| 23 | | Construct Livestock Instructional Laboratory | 2,824,000 | 2,824,000 | |
| 24 | | ITV Upgrades to Murray State University System | 1,547,000 | 1,547,000 | |
| 25 | | Install Sprinkler System Blackburn Science Building | 1,599,000 | 1,599,000 | |
| 26 | | Renovate Pogue Library Electric & HVAC | 1,555,000 | 1,555,000 | |
| 27 | | Relocate & Close Section of North 16th Street | 8,500,000 | 8,500,000 | |
| 28 | | Renovate Exposition Center | 11,742,000 | 11,742,000 | |
| 29 | | Renovate General Services | 1,000,000 | 1,000,000 | |
| 30 | | Information Tech Infrastructure for TSM & IET | 791,000 | 791,000 | |
| 31 | | Upgrade Applied Science Electrical System | 1,626,000 | 1,626,000 | |
| 32 | | College of Science Instructional/Research Equipment | 3,500,000 | 3,500,000 | |
| 33 | | Agriculture Instructional Lab & Technology Equipment | 800,000 | 800,000 | |
| 34 | | Broadcasting Education Lab Equipment | 225,000 | 225,000 | |
| 35 | | Demolish Woods Hall | 2,301,000 | 2,301,000 | |
| 2016-2018 Total | | | 179,056,000 | 179,056,000 | |

Murray State University (continued)

Projects involving the General Fund (Cash/Bonds)

| <u>Priority #</u> <u>Cab Ag</u> | <u>Project</u> | <u>Type</u> | <u>Total</u> <u>Budget</u> | <u>General</u> <u>Funds</u> | <u>Other Funds/</u> <u>Source(s)</u> |
|------------------------------------|---|-------------|-------------------------------|--------------------------------|---|
| 2018-2020 | | | | | |
| | Construct Agriculture Science & Technology Center | C-O | 93,019,000 | 93,019,000 | |
| | Construct Campus Parking Garage | C-O | 18,639,000 | 18,639,000 | |
| | Construct College of Business Building | C-O | 103,976,000 | 103,976,000 | |
| | Demolish Cutchin Field House/Racer Arena | C-O | 4,485,000 | 4,485,000 | |
| | Fine Arts Studio Equipment | EQ | 500,000 | 500,000 | |
| | Humanities & Fine Arts Instruction/Studio Equipment | EQ | 250,000 | 250,000 | |
| | Install Additional Chiller Heating & Cooling Plant | C-PI | 1,528,000 | 1,528,000 | |
| | Install Card-Operated Electronic Locks Academic Building | C-PI | 17,466,000 | 17,466,000 | |
| | Modernize Faculty Hall Elevator | C-PI | 1,283,000 | 1,283,000 | |
| | Music Education Equipment | EQ | 500,000 | 500,000 | |
| | Renovate Applied Science Classrooms & Offices | C-PI | 14,986,000 | 14,986,000 | |
| | Renovate Buildings E&G Pool < \$600,000 | C-PI | 7,926,000 | 7,926,000 | |
| | Renovate Lowry Center | C-PI | 2,650,000 | 2,650,000 | |
| | Renovate Wilson Hall | C-PI | 3,350,000 | 3,350,000 | |
| | Renovate Woods Hall | C-PI | 26,630,000 | 26,630,000 | |
| | Replace Campus Communication Infrastructure (Fiber Ring) | C-PI | 4,518,000 | 4,518,000 | |
| | Upgrade E&G Building Fire Alarms to Fully Address | C-PI | 1,356,000 | 1,356,000 | |
| | Upgrade Sparks Hall Electrical System | C-PI | 2,329,000 | 2,329,000 | |
| | 2018-2020 Total | | 305,391,000 | 305,391,000 | |
| 2020-2022 | | | | | |
| | Construct Center for Applied and Basic Environmental Research | C-O | 14,678,000 | 14,678,000 | |
| | Construct Motor Pool Maintenance Facility | C-O | 12,164,000 | 12,164,000 | |
| | Modernize Business Building Electric, HVAC, and Classrooms | C-PI | 12,993,000 | 12,993,000 | |
| | Renovate CFSB Center Electrical/Mechanical | C-PI | 5,481,000 | 5,481,000 | |
| | Renovate General Services HVAC System | C-PI | 1,421,000 | 1,421,000 | |
| | Renovate Mason Hall Labs/Classrooms/Systems/Etc. | C-PI | 7,110,000 | 7,110,000 | |
| | Renovate Wells Hall Interior | C-PI | 9,249,000 | 9,249,000 | |
| | Repair Stewart Stadium Structural | C-PI | 6,265,000 | 6,265,000 | |
| | Replace North Campus Complex Parking Lot | C-PI | 1,513,000 | 1,513,000 | |
| | Replace Waterfield Library HVAC and Mechanical System | C-PI | 1,427,000 | 1,427,000 | |
| | Replace/Retrofit Doyle Fine Arts HVAC and Energy | C-PI | 2,335,000 | 2,335,000 | |
| | Upgrade Wells Hall Electrical System | C-PI | 1,788,000 | 1,788,000 | |
| | 2020-2022 Total | | 76,424,000 | 76,424,000 | |
| | Grand Total | | 560,871,000 | 560,871,000 | |

Murray State University (continued)

Projects involving Agency Bonds

| <u>Priority #</u> | <u>Cab</u> | <u>Ag</u> | <u>Project</u> | <u>Type</u> | <u>Total Budget</u> | <u>General Funds</u> | <u>Other Funds/ Source(s)</u> |
|------------------------|------------|-----------|--|-------------|---------------------|----------------------|-------------------------------|
| 2016-2018 | | | | | | | |
| 1 | | | Abate Asbestos H&D Pool < \$600,000 | C-PI | 535,000 | | 535,000 AB |
| 2 | | | Complete ADA Compliance H&D Pool <\$600,000 | C-PI | 1,957,000 | | 1,957,000 AB |
| 3 | | | Complete Capital Renewal H&D Pool <\$600,000 | C-PI | 7,825,000 | | 7,825,000 AB |
| 4 | | | Complete Life Safety Projects H&D Pool <\$600,000 | C-PI | 1,125,000 | | 1,125,000 AB |
| 5 | | | Renovate Buildings H&D Pool <\$600,000 | C-PI | 595,000 | | 595,000 AB |
| 6 | | | Renovate Hart Hall Electrical System | C-PI | 1,017,000 | | 1,017,000 AB |
| 7 | | | Renovate Regents Hall Electrical System | C-PI | 1,446,000 | | 1,446,000 AB |
| 8 | | | Renovate White Hall | C-PI | 16,299,000 | | 16,299,000 AB |
| 9 | | | Renovate White Hall Electrical System | C-PI | 1,336,000 | | 1,336,000 AB |
| 10 | | | Renovate White Hall HVAC System | C-PI | 2,074,000 | | 2,074,000 AB |
| 11 | | | Renovate White Hall Interior | C-PI | 1,558,000 | | 1,558,000 AB |
| 12 | | | Replace White Hall Domestic Water Piping | C-PI | 1,112,000 | | 1,112,000 AB |
| 2016-2018 Total | | | | | 36,879,000 | | 36,879,000 |
| 2018-2020 | | | | | | | |
| | | | Renovate Franklin Hall HVAC System | C-PI | 1,325,000 | | 1,325,000 AB |
| | | | Renovate Franklin Hall Interior | C-PI | 1,443,000 | | 1,443,000 AB |
| | | | Renovate Hart Hall Interior | C-PI | 2,887,000 | | 2,887,000 AB |
| | | | Renovate Regents Hall | C-PI | 21,323,000 | | 21,323,000 AB |
| | | | Renovate Regents Hall HVAC System | C-PI | 1,224,000 | | 1,224,000 AB |
| | | | Renovate Regents Hall Interior | C-PI | 1,927,000 | | 1,927,000 AB |
| | | | Renovate Springer Hall HVAC and Electrical Systems | C-PI | 2,447,000 | | 2,447,000 AB |
| | | | Renovate Springer Hall Interior | C-PI | 1,503,000 | | 1,503,000 AB |
| | | | Replace Franklin Hall Water Piping, Fixtures, Etc | C-PI | 2,668,000 | | 2,668,000 AB |
| | | | Replace Regents Hall Domestic Water Piping | C-PI | 1,132,000 | | 1,132,000 AB |
| | | | Replace Springer Hall Water Piping, Fixtures, Etc | C-PI | 3,247,000 | | 3,247,000 AB |
| 2018-2020 Total | | | | | 41,126,000 | | 41,126,000 |
| 2020-2022 | | | | | | | |
| | | | Renovate Hart Hall | C-PI | 35,693,000 | | 35,693,000 AB |
| | | | Renovate Springer Hall | C-PI | 49,207,000 | | 49,207,000 AB |
| 2020-2022 Total | | | | | 84,900,000 | | 84,900,000 |
| Grand Total | | | | | 162,905,000 | | 162,905,000 |

Murray State University (continued)

Projects NOT involving the General Fund, Road Fund, or Agency Bonds

| <u>Priority #</u> | <u>Project</u> | <u>Type</u> | <u>Total Budget</u> | <u>General Funds</u> | <u>Other Funds/ Source(s)</u> |
|-------------------|--|-------------|---------------------|----------------------|-------------------------------|
| 2016-2018 | | | | | |
| | Acquire Agriculture Research Farm Land | C-O | 1,200,000 | 1,200,000 | RF |
| | Acquire Property | C-O | 4,000,000 | 4,000,000 | RF |
| | Construct Sorority Suites | C-PI | 13,500,000 | 13,500,000 | OT-LTF |
| | Install CFSB Center Generator | C-O | 1,500,000 | 1,500,000 | RF |
| | Rectify Chemistry Building Ventilation Systems | C-PI | 2,000,000 | 2,000,000 | RF |
| | Renovate Winslow Cafeteria | C-PI | 4,550,000 | 4,550,000 | RF |
| | Replace CFSB Center Scoreboard | C-O | 1,200,000 | 1,200,000 | RF |
| | Replace CFSB Center Seating | C-O | 1,500,000 | 1,500,000 | RF |
| | 2016-2018 Total | | 29,450,000 | 29,450,000 | |
| 2018-2020 | | | | | |
| | Construct Athletic Center | C-O | 16,428,000 | 16,428,000 | RF |
| | Modify Pullen Farm Pavilion to Visitor Center | C-O | 1,076,000 | 1,076,000 | RF |
| | 2018-2020 Total | | 17,504,000 | 17,504,000 | |
| | Grand Total | | 46,954,000 | 46,954,000 | |

Explanation of Acronyms

| | |
|------|---------------------------------------|
| CFSB | Community Financial Services Bank |
| E&G | Education and General |
| H&D | Housing and Dining |
| IET | Industrial and Engineering Technology |
| ITV | Interactive Television |
| TSM | Telecommunication Systems Management |

Northern Kentucky University

Projects involving the General Fund (Cash/Bonds)

| <u>Priority #</u> | <u>Project</u> | <u>Type</u> | <u>Total Budget</u> | <u>General Funds</u> | <u>Other Funds/ Source(s)</u> |
|------------------------|---|-------------|---------------------|----------------------|-------------------------------|
| 2016-2018 | | | | | |
| 1 | Expand Herrmann Science Center | C-O | 85,000,000 | 85,000,000 | |
| 2 | Renew/Renovate Fine Arts Center Phase II | C-PI | 66,000,000 | 66,000,000 | |
| 3 | Renovate Civic Center Building | C-O | 4,600,000 | 4,600,000 | |
| 4 | Repair Structural Heaving Landrum/Fine Arts | C-PI | 7,000,000 | 7,000,000 | |
| 5 | Construct Chiller Plant | C-O | 19,400,000 | 19,400,000 | |
| 6 | Renovate Albright Health Center/Wellness | C-O | 12,000,000 | 12,000,000 | |
| 7 | Renovate Gateway/Highland Heights Campus | C-O | 6,000,000 | 6,000,000 | |
| 8 | Renovate Nunn Hall | C-PI | 7,000,000 | 7,000,000 | |
| 9 | Replace Underground Gas Mains | C-PI | 2,500,000 | 2,500,000 | |
| 10 | Renew E&G Building Systems Projects Pool | C-PI | 7,000,000 | 7,000,000 | |
| 11 | Renew Electrical Distribution Systems Pool | C-PI | 5,000,000 | 5,000,000 | |
| 12 | Upgrade Instructional Technology | IT | 3,500,000 | 3,500,000 | |
| 13 | Renew HVAC Project Pool | C-PI | 6,500,000 | 6,500,000 | |
| 14 | Campus Telecommunications Upgrade | IT | 1,500,000 | 1,500,000 | |
| 15 | Next Generation Digital Campus | IT | 10,000,000 | 10,000,000 | |
| 16 | Enhance/Upgrade Cyber Security System | IT | 1,500,000 | 1,500,000 | |
| 17 | Upgrade Infrastructure for Admin Systems | IT | 1,500,000 | 1,500,000 | |
| 18 | Scientific/Technology Equipment Pool | IT | 5,000,000 | 5,000,000 | |
| 19 | Budget Planning System | IT | 1,000,000 | 1,000,000 | |
| 2016-2018 Total | | | 252,000,000 | 252,000,000 | |
| 2018-2020 | | | | | |
| | Construct College of Business Building | C-O | 75,000,000 | 75,000,000 | |
| | Construct Health Science Expansion Building | C-O | 40,000,000 | 40,000,000 | |
| | Renew Administrative Center | C-PI | 45,000,000 | 45,000,000 | |
| | Renew Steely Library | C-PI | 46,000,000 | 46,000,000 | |
| | Renew University Center Phase III | C-O | 14,000,000 | 14,000,000 | |
| | Renew/Renovate Landrum Hall | C-PI | 43,000,000 | 43,000,000 | |
| | Renew/Renovate Mathematics Education Psychology Center | C-PI | 46,000,000 | 46,000,000 | |
| | Repair Structural Heaving Nunn/Business Academic Center | C-PI | 6,600,000 | 6,600,000 | |
| 2018-2020 Total | | | 315,600,000 | 315,600,000 | |
| 2020-2022 | | | | | |
| | Renew Business Academic Center | C-PI | 38,000,000 | 38,000,000 | |
| | Renew Old Power Plant | C-O | 6,000,000 | 6,000,000 | |
| 2020-2022 Total | | | 44,000,000 | 44,000,000 | |
| Grand Total | | | 611,600,000 | 611,600,000 | |

Northern Kentucky University (continued)

Projects involving Agency Bonds

| <u>Priority #</u> | <u>Project</u> | <u>Type</u> | <u>Total Budget</u> | <u>General Funds</u> | <u>Other Funds/ Source(s)</u> |
|------------------------|--|-------------|---------------------|----------------------|-------------------------------|
| 2016-2018 | | | | | |
| 1 | Acquire Land/Master Plan 2016-2018 | C-O | 24,000,000 | | AB/RF |
| 2 | Construct Satellite Parking Lot | C-O | 4,200,000 | | AB |
| 3 | Construct/Acquire New Residence Hall 2016-2018 | C-O | 28,500,000 | | AB |
| 4 | Expand University Drive Parking Garage | C-O | 15,000,000 | | AB |
| 2016-2018 Total | | | 71,700,000 | 71,000,000 | |
| 2018-2020 | | | | | |
| | Acquire Land/Master Plan 2018-2020 | C-O | 20,000,000 | | AB |
| | Construct/Acquire New Residence Hall 2018-2020 | C-O | 31,000,000 | | AB |
| | Expand Kenton Drive Parking Garage | C-O | 18,500,000 | | AB |
| 2018-2020 Total | | | 69,500,000 | 69,500,000 | |
| 2020-2022 | | | | | |
| | Acquire Land/Master Plan 2020-2022 | C-O | 25,000,000 | | AB |
| | Construct New Baseball Stadium | C-O | 13,100,000 | | AB |
| | Construct Parking Garage #4 | C-O | 21,500,000 | | AB |
| 2020-2022 Total | | | 59,600,000 | 59,600,000 | |
| Grand Total | | | 200,800,000 | 200,800,000 | |

Northern Kentucky University (continued)

Projects NOT involving the General Fund, Road Fund, or Agency Bonds

| <u>Priority #</u> | <u>Project</u> | <u>Type</u> | <u>Total Budget</u> | <u>General Funds</u> | <u>Other Funds/ Source(s)</u> |
|-------------------|--|-------------|---------------------|----------------------|-------------------------------|
| 2016-2018 | | | | | |
| | Acquire/Renovate Center for Legal Education | C-PI | 40,000,000 | | 40,000,000 OT-LTF |
| | Budget Planning System | IT | 1,000,000 | | 1,000,000 RF |
| | Construct Basketball Practice Facility | C-O | 15,000,000 | | 15,000,000 OT-P |
| | Construct Center for Environmental Restoration | C-O | 2,000,000 | | 2,000,000 RF/OT-P |
| | Construct/Acquire New Residence Hall | C-O | 28,500,000 | | 28,500,000 OT-LTF |
| | Guaranteed Energy Savings Performance Contracts | C-PI | 600,000 | | 600,000 OT-LTF |
| | Lease-Purchase Coach Bus | EQ | 690,000 | | 690,000 OT-LTF |
| | Lease-Purchase Large Format Color Press | EQ | 700,000 | | 700,000 OT-LTF |
| | Renew Kenton Garage | C-PI | 1,100,000 | | 1,100,000 RF |
| | Renovate Brown Building | C-PI | 4,500,000 | | 4,500,000 RF/OT-P |
| | Renovate Old Science/Construct Health Innovation | C-O | 20,000,000 | | 20,000,000 RF/OT-P |
| | Renovate Residence Halls 2016-2018 | C-O | 3,500,000 | | 3,500,000 RF |
| | Renovate/Expand Baseball Field | C-O | 5,300,000 | | 5,300,000 OT-LTF |
| | Repair Norse/Woodcrest Exterior Stairs/Landings | C-PI | 3,000,000 | | 3,000,000 RF |
| | 2016-2018 Total | | 125,890,000 | | 125,890,000 |
| 2018-2020 | | | | | |
| | Enhance Softball & Tennis Complex | C-O | 6,500,000 | | 6,500,000 OT-LTF |
| | Expand/Renovate Regents Hall | C-PI | 31,000,000 | | 31,000,000 OT-P |
| | Renovate Residence Halls 2018-2020 | C-O | 2,500,000 | | 2,500,000 RF |
| | 2018-2020 Total | | 40,000,000 | | 40,000,000 |
| 2020-2022 | | | | | |
| | Construct Indoor Track/Multipurpose Facility | C-O | 14,000,000 | | 14,000,000 OT-P |
| | Construct New Baseball Stadium | C-O | 13,100,000 | | 13,100,000 OT-P |
| | Construct Track and Field Stadium | C-O | 13,100,000 | | 13,100,000 OT-P |
| | Renovate Residence Halls 2020-2022 | C-O | 2,500,000 | | 2,500,000 RF |
| | 2020-2022 Total | | 42,700,000 | | 42,700,000 |
| | Grand Total | | 208,590,000 | | 208,590,000 |

Explanation of Acronyms

E&G Education and General

| University of Kentucky | | | | | | | |
|---|------------|-----------|--------------------------------------|-------------|----------------------|----------------------|-------------------------------|
| Projects involving the General Fund (Cash/Bonds) | | | | | | | |
| <u>Priority #</u> | <u>Cab</u> | <u>Ag</u> | <u>Project</u> | <u>Type</u> | <u>Total Budget</u> | <u>General Funds</u> | <u>Other Funds/ Source(s)</u> |
| 2016-2018 | | | | | | | |
| 1 | | | Facilities Renewal and Modernization | C-PI | 250,000,000 | 125,000,000 | 125,000,000 AB |
| 2016-2018 Total | | | | | 250,000,000 | 125,000,000 | 125,000,000 |
| 2018-2020 | | | | | | | |
| | | | Facilities Renewal/Modernization | C-PI | 250,000,000 | 125,000,000 | 125,000,000 AB |
| 2018-2020 Total | | | | | 250,000,000 | 125,000,000 | 125,000,000 |
| 2020-2022 | | | | | | | |
| | | | Construct Research Building | C-O | 265,000,000 | 265,000,000 | |
| | | | Facilities Renewal/Modernization | C-PI | 250,000,000 | 125,000,000 | 125,000,000 AB |
| 2020-2022 Total | | | | | 515,000,000 | 390,000,000 | 125,000,000 |
| Grand Total | | | | | 1,015,000,000 | 640,000,000 | 375,000,000 |

University of Kentucky (continued)

Projects involving Agency Bonds

| <u>Priority #</u> | <u>Project</u> | <u>Type</u> | <u>Total Budget</u> | <u>General Funds</u> | <u>Other Funds/ Source(s)</u> |
|------------------------|--|-------------|---------------------|----------------------|-------------------------------|
| 2016-2018 | | | | | |
| 1 | Acquire Land | C-O | 100,000,000 | 100,000,000 | RF/AB |
| 2 | Construct Digital Village Building 3 | C-O | 54,000,000 | 54,000,000 | AB |
| 3 | Construct Parking/Academic/Adm. Facility | C-O | 60,000,000 | 60,000,000 | AB |
| 4 | Construct Parking Structure | C-O | 38,000,000 | 38,000,000 | AB |
| 5 | Renovate/Upgrade Auxiliary Facility | C-PI | 30,000,000 | 30,000,000 | AB |
| 6 | Replace Greek Housing | C-O | 56,000,000 | 56,000,000 | AB |
| 2016-2018 Total | | | 338,000,000 | 338,000,000 | |
| 2018-2020 | | | | | |
| | Construct Student Dining Facility 3 | C-O | 40,000,000 | 40,000,000 | AB |
| 2018-2020 Total | | | 40,000,000 | 40,000,000 | |
| Grand Total | | | 378,000,000 | 378,000,000 | |

University of Kentucky (continued)

Projects NOT involving the General Fund, Road Fund, or Agency Bonds

| <u>Priority#</u> <u>Cab Ag</u> | <u>Project</u> | <u>Type</u> | <u>Total</u> <u>Budget</u> | <u>General</u> <u>Funds</u> | <u>Other Funds/</u> <u>Source(s)</u> |
|-----------------------------------|---|-------------|-------------------------------|--------------------------------|---|
| 2016-2018 | | | | | |
| | Acquire Communications Equipment | IT | 1,500,000 | | RF |
| | Acquire Enterprise Resource Planning Phase V | IT | 5,350,000 | | RF |
| | Acquire High Performance Research Computer | IT | 6,500,000 | | RF |
| | Acquire or Purchase Data Repository System | IT | 5,000,000 | | RF |
| | Acquire/Renovate Administrative Facility | C-O | 10,000,000 | 10,000,000 | OT-LTF |
| | Acquire/Renovate Golf Facility | C-PI | 4,000,000 | 4,000,000 | OT-P |
| | Acquire/Renovate Housing | C-PI | 50,000,000 | 50,000,000 | RF |
| | ADA Compliance Pool | C-PI | 5,000,000 | 5,000,000 | RF |
| | Capital Renewal Maintenance Pool | C-PI | 20,000,000 | 20,000,000 | RF |
| | Construct Band Hall and Practice Field | C-O | 32,500,000 | 32,500,000 | RF |
| | Construct Baseball Facility | C-O | 49,000,000 | 49,000,000 | RF |
| | Construct Equine Campus Phase II | C-O | 10,500,000 | 10,500,000 | RF |
| | Construct Fit/Up Retail Space | C-O | 4,500,000 | 4,500,000 | OT-P |
| | Construct Hall of Fame Plaza | C-O | 4,500,000 | 4,500,000 | OT-P |
| | Construct Housing | C-O | 50,000,000 | 50,000,000 | RF |
| | Construct Library Depository Facility | C-O | 16,500,000 | 16,500,000 | RF |
| | Construct New Alumni Center | C-O | 38,000,000 | 38,000,000 | OT-P |
| | Construct Parking Structure (Lease-Purchase) | C-O | 38,000,000 | 38,000,000 | OT-LTF |
| | Construct Student Housing (RA) | C-O | 150,000,000 | 150,000,000 | RF/OT-LTF |
| | Construct Student Services Center | C-O | 86,000,000 | 86,000,000 | RF |
| | Construct Testing Center | C-O | 21,000,000 | 21,000,000 | RF |
| | Construct Transit Center | C-O | 5,500,000 | 5,500,000 | RF |
| | Construct UK Police Headquarters Facility | C-O | 22,000,000 | 22,000,000 | RF |
| | Construct University Storage Facility | C-O | 5,500,000 | 5,500,000 | RF |
| | Construct/Fit-up Retail Space | C-O | 6,500,000 | 6,500,000 | OT-LTF |
| | Construct/Improve Student Dining Facilities 1 | C-O | 40,000,000 | 40,000,000 | RF |
| | Construct/Renovate/Upgrade Athletics Facility 1 | C-PI | 3,000,000 | 3,000,000 | OT-P |
| | Construct/Renovate/Upgrade Athletics Facility 2 | C-PI | 3,000,000 | 3,000,000 | OT-P |
| | Decommission Facilities | C-PI | 25,000,000 | 25,000,000 | RF |
| | Design Library Knowledge Center | C-O | 13,335,000 | 13,335,000 | RF |
| | Emerging Technologies Academic Support | IT | 2,000,000 | 2,000,000 | RF |
| | Expand Boone Tennis Center | C-O | 9,500,000 | 9,500,000 | OT-P |
| | Expand KY Geological Survey Well Sample & Core Repository | C-O | 5,500,000 | 5,500,000 | RF |
| | Expand/Renovate Kastle Hall | C-PI | 26,000,000 | 26,000,000 | RF |
| | Expand/Renovate Sturgill Development Building | C-O | 3,500,000 | 3,500,000 | RF |
| | Fit-up Academic Science Building | C-O | 32,000,000 | 32,000,000 | RF |
| | Fit-up Academic Space for New Housing/Dining Facility | C-PI | 12,000,000 | 12,000,000 | RF |
| | Fit-up Academic/Administrative Space | C-O | 10,000,000 | 10,000,000 | RF |
| | Fit-up Academic/Administrative Space | C-PI | 10,000,000 | 10,000,000 | RF |
| | Fit-up Student Center | C-PI | 9,000,000 | 9,000,000 | RF |
| | Guaranteed Energy Performance Contract General | C-PI | 600,000 | 600,000 | RF |
| | Improve Athletics Facilities 1 | C-PI | 2,000,000 | 2,000,000 | OT-P |
| | Improve Athletics Facilities 2 | C-PI | 2,000,000 | 2,000,000 | OT-P |
| | Improve Building Electrical Systems | C-PI | 5,000,000 | 5,000,000 | RF |

University of Kentucky (continued)

Projects NOT involving the General Fund, Road Fund, or Agency Bonds

| <u>Priority #</u> | <u>Project</u> | <u>Type</u> | <u>Total Budget</u> | <u>General Funds</u> | <u>Other Funds/ Source(s)</u> |
|-------------------|---|-------------|---------------------|----------------------|-------------------------------|
| <u>Cab Ag</u> | | | | | |
| | Improve Building Mechanical Systems | C-PI | 25,000,000 | | 25,000,000 RF |
| | Improve Building Shell Systems | C-PI | 5,000,000 | | 5,000,000 RF |
| | Improve Center for Applied Energy Research Facilities | C-PI | 20,000,000 | | 20,000,000 RF |
| | Improve Campus Parking and Transportation System | C-O | 120,000,000 | | 120,000,000 RF |
| | Improve Civil/Site Infrastructure | C-PI | 25,000,000 | | 25,000,000 RF |
| | Improve Coldstream Research Campus | C-PI | 20,000,000 | | 20,000,000 RF |
| | Improve Div. of Laboratory Animal Resources Facility | C-PI | 9,000,000 | | 9,000,000 RF |
| | Improve Electrical Infrastructure | C-PI | 28,000,000 | | 28,000,000 RF |
| | Improve Elevator Systems | C-PI | 5,000,000 | | 5,000,000 RF |
| | Improve Housing/Dining Facilities | C-O | 30,000,000 | | 30,000,000 RF |
| | Improve Life Safety Project Pool | C-PI | 15,000,000 | | 15,000,000 RF |
| | Improve Mechanical Infrastructure | C-PI | 26,000,000 | | 26,000,000 RF |
| | Improve Spindletop Hall Facilities | C-O | 5,000,000 | | 5,000,000 RF |
| | Improve UK Radio Communications System | C-PI | 3,000,000 | | 3,000,000 RF |
| | Improve Vivarium Spaces | C-PI | 9,000,000 | | 9,000,000 RF |
| | Improve W.T. Young Facility | C-PI | 5,000,000 | | 5,000,000 RF |
| | Install Artificial Turf on Pieratt Recreational | C-PI | 3,500,000 | | 3,500,000 RF |
| | Purchase Document Scanning System | IT | 10,000,000 | | 10,000,000 RF |
| | Purchase Transport Buses | EQ | 2,000,000 | | 2,000,000 RF |
| | Purchase Upgraded Communications Infrastructure1 | IT | 2,500,000 | | 2,500,000 RF |
| | Purchase Upgraded Communications Infrastructure2 | IT | 2,500,000 | | 2,500,000 RF |
| | Purchase/Upgrade Pollution Controls | C-PI | 22,000,000 | | 22,000,000 RF |
| | Relocate Campus Support Facilities | C-PI | 14,000,000 | | 14,000,000 RF |
| | Relocate/Replace Greenhouses | C-O | 2,500,000 | | 2,500,000 RF |
| | Remote Site Fiber Infrastructure | IT | 2,000,000 | | 2,000,000 RF |
| | Renovate Anderson Tower | C-PI | 4,000,000 | | 4,000,000 RF |
| | Renovate Central Computing Facility | C-PI | 5,000,000 | | 5,000,000 RF |
| | Renovate Chemistry/Physics Building | C-PI | 10,500,000 | | 10,500,000 RF |
| | Renovate Dentistry | C-PI | 9,500,000 | | 9,500,000 RF |
| | Renovate Dickey Hall | C-PI | 2,000,000 | | 2,000,000 RF |
| | Renovate Fine Arts | C-PI | 5,000,000 | | 5,000,000 RF |
| | Renovate Frazee Hall | C-PI | 6,000,000 | | 6,000,000 RF |
| | Renovate Funkhouser Building | C-PI | 31,000,000 | | 31,000,000 RF |
| | Renovate Mineral Industries Building | C-PI | 6,000,000 | | 6,000,000 RF |
| | Renovate Multi-Disciplinary Science Building | C-PI | 6,500,000 | | 6,500,000 RF |
| | Renovate Nursing Building | C-PI | 1,000,000 | | 1,000,000 RF |
| | Renovate Taylor Education Building | C-PI | 10,500,000 | | 10,500,000 RF |
| | Renovate/Expand Fine Arts Building | C-PI | 130,000,000 | | 130,000,000 RF |
| | Renovate/Expand Wildcat Coal Lodge | C-PI | 21,000,000 | | 21,000,000 OT-P |
| | Renovate/Upgrade Academic Facility | C-PI | 16,000,000 | | 16,000,000 RF |
| | Renovate/Upgrade Academic/Administrative Space | C-O | 25,000,000 | | 25,000,000 RF |
| | Renovate/Upgrade Academic/Administrative Space 1 | C-O | 10,000,000 | | 10,000,000 RF |
| | Renovate/Upgrade Academic/Administrative Space 2 | C-O | 10,000,000 | | 10,000,000 RF |
| | Renovate/Upgrade Academic/Administrative Space 3 | C-O | 5,000,000 | | 5,000,000 RF |
| | Renovate/Upgrade Academic/Administrative Space 4 | C-O | 5,000,000 | | 5,000,000 RF |
| | Renovate/Upgrade Academic/Administrative Space 5 | C-O | 5,000,000 | | 5,000,000 RF |
| | Renovate/Upgrade Athletics Playing Fields 2 | C-PI | 2,000,000 | | 2,000,000 OT-P |

University of Kentucky (continued)

Projects NOT involving the General Fund, Road Fund, or Agency Bonds

| <u>Priority #</u> | <u>Project</u> | <u>Type</u> | <u>Total Budget</u> | <u>General Funds</u> | <u>Other Funds/ Source(s)</u> |
|-------------------|--|-------------|----------------------|----------------------|-------------------------------|
| <u>Cab Ag</u> | | | | | |
| | Renovate/Upgrade Athletics Playing Fields I | C-PI | 2,000,000 | | 2,000,000 OT-P |
| | Renovate/Upgrade Campus Core Quadrangle Facilities | C-PI | 30,000,000 | | 30,000,000 RF |
| | Renovate/Upgrade Commonwealth Stadium | C-PI | 6,500,000 | | 6,500,000 OT-P |
| | Renovate/Upgrade Eagle Building | C-O | 1,500,000 | | 1,500,000 RF |
| | Renovate/Upgrade Ecological Research Facility | C-O | 5,500,000 | | 5,500,000 RF |
| | Renovate/Upgrade Existing Housing | C-PI | 30,000,000 | | 30,000,000 RF |
| | Renovate/Upgrade McVey Hall | C-PI | 26,000,000 | | 26,000,000 RF |
| | Renovate/Upgrade Memorial Hall | C-PI | 6,000,000 | | 6,000,000 RF |
| | Renovate/Upgrade MI King | C-PI | 60,000,000 | | 60,000,000 RF |
| | Renovate/Upgrade Pence Hall | C-PI | 21,000,000 | | 21,000,000 RF |
| | Repair Emergency Infrastructure/Building Systems | C-PI | 25,000,000 | | 25,000,000 RF |
| | Repair/Upgrade/Expand Central Plants | C-O | 112,000,000 | | 112,000,000 RF |
| | Research Equipment Replacement | EQ | 30,000,000 | | 30,000,000 RF |
| | UK Mobile Communication Center | EQ | 400,000 | | 400,000 RF/FF |
| | Upgrade Dining Facilities Reauthorization | C-PI | 20,000,000 | | 20,000,000 OT-P |
| | Upgrade Enterprise Information System | IT | 20,000,000 | | 20,000,000 RF |
| | Upgrade/Expand Campus Security Platform | C-PI | 6,000,000 | | 6,000,000 RF |
| | Upgrade/Renovate Dining Facilities | C-PI | 8,000,000 | | 8,000,000 RF |
| | Upgrade/Renovate/Expand Research Labs | C-PI | 33,500,000 | | 33,500,000 RF |
| | 2016-2018 Total | | 2,041,185,000 | | 2,041,185,000 |

University of Kentucky (continued)

Projects NOT involving the General Fund, Road Fund, or Agency Bonds

| <u>Priority #</u> | <u>Project</u> | <u>Type</u> | <u>Total Budget</u> | <u>General Funds</u> | <u>Other Funds/ Source(s)</u> |
|-------------------|---|-------------|---------------------|----------------------|-------------------------------|
| | 2018-2020 | | | | |
| | Acquire Enterprise Resource Planning Phase VI | IT | 5,350,000 | | 5,350,000 RF |
| | Acquire Fiber Optics Infrastructure | IT | 1,500,000 | | 1,500,000 RF |
| | Acquire Land | C-O | 35,000,000 | | 35,000,000 RF |
| | ADA Compliance Pool | C-PI | 5,000,000 | | 5,000,000 RF |
| | Campus Call Center System | IT | 1,000,000 | | 1,000,000 RF |
| | Campus Infrastructure Upgrade | C-O | 3,500,000 | | 3,500,000 RF |
| | Capital Renewal Maintenance Pool | C-PI | 119,000,000 | | 119,000,000 RF |
| | Construct Center for Design Innovation | C-O | 40,000,000 | | 40,000,000 RF |
| | Construct College of Medicine Academic Building | C-O | 104,000,000 | | 104,000,000 RF |
| | Construct Digital Media Center | C-O | 62,000,000 | | 62,000,000 RF |
| | Construct Environmental & Natural Science Facility | C-O | 62,000,000 | | 62,000,000 RF |
| | Construct Library Knowledge Center | C-O | 222,465,000 | | 222,465,000 RF |
| | Construct Medical Center Physical Plant Building | C-O | 15,435,000 | | 15,435,000 RF |
| | Construct Multi-Media Center | C-O | 10,000,000 | | 10,000,000 RF |
| | Construct Office/Lecture Building | C-O | 29,000,000 | | 29,000,000 RF |
| | Construct Parking Structure | C-O | 35,000,000 | | 35,000,000 OT-LTF |
| | Construct Public Health Building | C-O | 40,500,000 | | 40,500,000 RF |
| | Construct Washington Ave Building 1 | C-O | 55,000,000 | | 55,000,000 RF |
| | Construct/Renovate Gymnastic Practice Facility | C-PI | 8,500,000 | | 8,500,000 OT-P |
| | Construct/Renovate Space for Rifle Team | C-PI | 8,500,000 | | 8,500,000 OT-P |
| | Expand KY Geological Survey Well Sample & Core Repository | C-PI | 5,500,000 | | 5,500,000 RF |
| | Expand/Renovate Lafferty Hall | C-O | 10,205,000 | | 10,205,000 RF |
| | Improve Baseball Facility | C-PI | 5,000,000 | | 5,000,000 OT-P |
| | Improve Building Electrical Systems | C-PI | 5,000,000 | | 5,000,000 RF |
| | Improve Building Elevator Systems | C-PI | 5,000,000 | | 5,000,000 RF |
| | Improve Building Mechanical Systems | C-PI | 25,000,000 | | 25,000,000 RF |
| | Improve Building Shell Systems | C-PI | 5,000,000 | | 5,000,000 RF |
| | Improve Civil/Site Infrastructure | C-PI | 14,000,000 | | 14,000,000 RF |
| | Improve Coldstream Research Campus | C-PI | 20,000,000 | | 20,000,000 RF |
| | Improve Commonwealth Stadium | C-PI | 6,000,000 | | 6,000,000 OT-P |
| | Improve DLAR Facilities | C-PI | 9,000,000 | | 9,000,000 RF |
| | Improve Electrical Infrastructure | C-PI | 28,000,000 | | 28,000,000 RF |
| | Improve Football Practice Facility | C-PI | 2,000,000 | | 2,000,000 OT-P |
| | Improve Life Safety Project Pool | C-PI | 2,000,000 | | 2,000,000 RF |
| | Improve Mechanical Infrastructure | C-PI | 26,000,000 | | 26,000,000 RF |
| | Improve Memorial Coliseum | C-PI | 8,000,000 | | 8,000,000 OT-P |
| | Improve Wildcat Coal Lodge | C-PI | 4,000,000 | | 4,000,000 OT-P |
| | Renovate Anderson Tower | C-PI | 5,000,000 | | 5,000,000 RF |
| | Renovate Bradley Hall | C-PI | 9,000,000 | | 9,000,000 RF |
| | Renovate Chemistry/Physics Building | C-PI | 10,000,000 | | 10,000,000 RF |
| | Renovate Cooper House | C-PI | 2,000,000 | | 2,000,000 RF |
| | Renovate Dental Science Building | C-PI | 2,000,000 | | 2,000,000 RF |
| | Renovate Erikson Hall | C-PI | 10,875,000 | | 10,875,000 RF |
| | Renovate King Library South | C-PI | 30,000,000 | | 30,000,000 RF |
| | Renovate Mineral Industries Building | C-PI | 5,500,000 | | 5,500,000 RF |

University of Kentucky (continued)

Projects NOT involving the General Fund, Road Fund, or Agency Bonds

| <u>Priority #</u> | <u>Project</u> | <u>Type</u> | <u>Total Budget</u> | <u>General Funds</u> | <u>Other Funds/ Source(s)</u> |
|----------------------|---|-------------|----------------------|----------------------|-------------------------------|
| <u>Cab</u> <u>Ag</u> | | | | | |
| | Renovate Seaton Center | C-PI | 5,500,000 | | 5,500,000 RF |
| | Renovate Slone Building Phase I | C-PI | 5,500,000 | | 5,500,000 RF |
| | Renovate the Singletary Center | C-PI | 100,000,000 | | 100,000,000 RF |
| | Renovate Whalen Building | C-PI | 6,000,000 | | 6,000,000 RF |
| | Renovate/Expand Johnson Center | C-O | 30,000,000 | | 30,000,000 RF |
| | Repair/Upgrade/Expand Central Plants | C-O | 62,000,000 | | 62,000,000 RF |
| | Sanitary Sewer Expansion | C-O | 14,000,000 | | 14,000,000 RF |
| | Sprinkle Scovell Hall Life Safety | C-PI | 1,000,000 | | 1,000,000 RF |
| | Upgrade Fume Hood in Combs Building Life Safety | C-PI | 4,000,000 | | 4,000,000 RF |
| | Upgrade Fume Hoods Life Safety | C-PI | 21,000,000 | | 21,000,000 RF |
| | Upgrade Pharmacy Fume Hood I Life Safety | C-PI | 10,000,000 | | 10,000,000 RF |
| | Upgrade Sound System for the Singletary Center | C-PI | 1,350,000 | | 1,350,000 RF |
| | Upgrade/Renovate/Expand Research Labs | C-PI | 33,500,000 | | 33,500,000 RF |
| | 2018-2020 Total | | 1,410,680,000 | | 1,410,680,000 |

University of Kentucky (continued)

Projects NOT involving the General Fund, Road Fund, or Agency Bonds

| <u>Priority</u> <u>#</u> <u>Cab</u> <u>Ag</u> | <u>Project</u> | <u>Type</u> | <u>Total</u> <u>Budget</u> | <u>General</u> <u>Funds</u> | <u>Other Funds/</u> <u>Source(s)</u> |
|---|--|-------------|-------------------------------|--------------------------------|---|
| 2020-2022 | | | | | |
| | Acquire Land | C-O | 35,000,000 | | 35,000,000 RF |
| | ADA Compliance Pool | C-PI | 5,000,000 | | 5,000,000 RF |
| | Capital Renewal Maintenance Pool | C-PI | 34,000,000 | | 34,000,000 RF |
| | Construct Art Museum | C-O | 60,000,000 | | 60,000,000 RF |
| | Construct Human Sciences Building | C-O | 61,000,000 | | 61,000,000 RF |
| | Construct North Farm Greenhouse | C-PI | 1,500,000 | | 1,500,000 RF |
| | Construct North Farm Milking Parlor | C-PI | 2,000,000 | | 2,000,000 RF |
| | Construct Parking Structure | C-O | 32,000,000 | | 32,000,000 RF |
| | Construct Parking Structure | C-O | 51,000,000 | | 51,000,000 RF |
| | Construct University Conference Center | C-O | 32,000,000 | | 32,000,000 RF |
| | Expand Arboretum Visitor Center Phase I Addition | C-O | 4,000,000 | | 4,000,000 OT-P |
| | Expand College of Communication & Information Studies | C-O | 25,000,000 | | 25,000,000 RF |
| | Expand KY Geological Survey Well Sample & Core Repository | C-PI | 5,500,000 | | 5,500,000 RF |
| | Improve Baseball Facility | C-PI | 5,000,000 | | 5,000,000 OT-P |
| | Improve Building Electrical Systems | C-PI | 5,000,000 | | 5,000,000 RF |
| | Improve Building Elevator Systems | C-PI | 5,000,000 | | 5,000,000 RF |
| | Improve Building Mechanical Systems | C-PI | 23,000,000 | | 23,000,000 RF |
| | Improve Building Shell Systems | C-PI | 5,000,000 | | 5,000,000 RF |
| | Improve Civil/Site Infrastructure | C-PI | 14,000,000 | | 14,000,000 RF |
| | Improve Coldstream Research Campus | C-PI | 20,000,000 | | 20,000,000 RF |
| | Improve Commonwealth Stadium | C-PI | 6,000,000 | | 6,000,000 OT-P |
| | Improve Division of Laboratory Animal Resources Facilities | C-PI | 9,000,000 | | 9,000,000 RF |
| | Improve Electrical Infrastructure | C-PI | 28,000,000 | | 28,000,000 RF |
| | Improve Football Practice Facility | C-PI | 2,000,000 | | 2,000,000 OT-P |
| | Improve Life Safety Project Pool | C-PI | 4,000,000 | | 4,000,000 RF |
| | Improve Mechanical Infrastructure | C-PI | 26,000,000 | | 26,000,000 RF |
| | Improve Memorial Coliseum | C-PI | 8,000,000 | | 8,000,000 OT-P |
| | Improve Nutter Field House | C-PI | 2,000,000 | | 2,000,000 RF |
| | Improve Wildcat Coal Lodge | C-PI | 4,000,000 | | 4,000,000 OT-P |
| | Renovate C. Oran Little Research Center | C-PI | 2,000,000 | | 2,000,000 RF |
| | Renovate Dental Student Clinics | C-PI | 3,500,000 | | 3,500,000 RF |
| | Renovate Mineral Industries Building | C-PI | 5,500,000 | | 5,500,000 RF |
| | Renovate Slone Building Phase II | C-PI | 5,500,000 | | 5,500,000 RF |
| | Renovate Various Cooperative Extension Facilities | C-PI | 4,000,000 | | 4,000,000 RF |
| | Renovate/Upgrade Miller Hall | C-PI | 7,000,000 | | 7,000,000 RF |
| | Repair/Upgrade/Expand Central Plants | C-O | 62,000,000 | | 62,000,000 RF |
| | Sprinkle Buildings Life Safety | C-PI | 11,000,000 | | 11,000,000 RF |
| | Upgrade/Renovate Campus Recreation Facilities | C-PI | 5,000,000 | | 5,000,000 RF |
| | Upgrade/Renovate/Expand Research Labs | C-PI | 33,500,000 | | 33,500,000 RF |
| | 2020-2022 Total | | 653,000,000 | | 653,000,000 |
| | Grand Total | | 4,254,865,000 | | 4,254,865,000 |

Explanation of Acronyms

DLAR Division of Laboratory Animal Resources

University of Kentucky Hospital

Projects involving Agency Bonds

| <u>Priority #</u> | <u>Cab</u> | <u>Ag</u> | <u>Project</u> | <u>Type</u> | <u>Total Budget</u> | <u>General Funds</u> | <u>Other Funds/ Source(s)</u> |
|-------------------|------------|-----------|--|-------------|---------------------|----------------------|-------------------------------|
| 2016-2018 | | | | | | | |
| 1 | | | Renovate Upgrade Healthcare Facilities | C-O | 150,000,000 | | 150,000,000 AB |
| | | | 2016-2018 Total | | 150,000,000 | | 150,000,000 |
| | | | Grand Total | | 150,000,000 | | 150,000,000 |

University of Kentucky Hospital (continued)

Projects NOT involving the General Fund, Road Fund, or Agency Bonds

| <u>Priority #</u> | <u>Cab</u> | <u>Ag</u> | <u>Project</u> | <u>Type</u> | <u>Total Budget</u> | <u>General Funds</u> | <u>Other Funds/ Source(s)</u> |
|-------------------|------------|-----------|--|-------------|----------------------|----------------------|-------------------------------|
| 2016-2018 | | | | | | | |
| | | | Acquire Data Repository System UKHC | IT | 5,000,000 | | 5,000,000 RF |
| | | | Acquire Mainframe Computer UKHC | IT | 3,000,000 | | 3,000,000 RF |
| | | | Acquire Personal Electronic Health Records | IT | 5,000,000 | | 5,000,000 RF |
| | | | Acquire Telemedicine/Virtual ICU | IT | 10,000,000 | | 10,000,000 RF |
| | | | Acquire/Upgrade UKHC IT System | IT | 10,000,000 | | 10,000,000 RF |
| | | | Construct Good Sam Med Office Building UKHC | C-O | 26,000,000 | | 26,000,000 RF |
| | | | Construct Office Tower UKHC | C-O | 100,000,000 | | 100,000,000 RF |
| | | | Construct/Expand/Renovate Ambulatory Care UKHC | C-O | 20,000,000 | | 20,000,000 RF |
| | | | Construct/Upgrade/Fit-Up Support Services UKHC | C-O | 3,500,000 | | 3,500,000 RF |
| | | | Disaster Recovery/Business Continuity IT Project | IT | 12,000,000 | | 12,000,000 RF |
| | | | Expand/Construct Parking Structure UKHC | C-O | 43,000,000 | | 43,000,000 RF |
| | | | Implement Enterprise Security System UKHC | IT | 10,000,000 | | 10,000,000 RF |
| | | | Implement Land Use Plan UKHC | C-O | 20,000,000 | | 20,000,000 RF |
| | | | Implement Medication Bar Coding System UKHC | IT | 10,000,000 | | 10,000,000 RF |
| | | | Implement Patient Communication System UKHC | IT | 10,000,000 | | 10,000,000 RF |
| | | | Implement Unified Communication System UKHC | IT | 3,000,000 | | 3,000,000 RF |
| | | | Improve Building Systems UKHC | C-PI | 20,000,000 | | 20,000,000 RF |
| | | | Improve Clinical/Ambulatory Services | C-PI | 50,000,000 | | 50,000,000 RF |
| | | | Improve Good Samaritan Hospital Facilities | C-PI | 25,000,000 | | 25,000,000 RF |
| | | | Improve Hospital Facilities Good Samaritan | C-PI | 20,000,000 | | 20,000,000 RF |
| | | | Improve Markey Cancer Center | C-PI | 20,000,000 | | 20,000,000 RF |
| | | | Improve Parking Garage 1 | C-O | 2,500,000 | | 2,500,000 RF |
| | | | Improve Parking Garage 2 | C-O | 2,500,000 | | 2,500,000 RF |
| | | | Improve UKHC Facilities UK Chandler Hospital | C-PI | 310,000,000 | | 310,000,000 RF |
| | | | Purchase Allergy Information System | IT | 1,000,000 | | 1,000,000 RF |
| | | | Purchase Cardiology Information System UKHC | IT | 4,000,000 | | 4,000,000 RF |
| | | | Purchase Clinical Information System | IT | 10,000,000 | | 10,000,000 RF |
| | | | Purchase Digital Medical Record Expansion | IT | 10,000,000 | | 10,000,000 RF |
| | | | Purchase Document Scanning System UKHC | IT | 10,000,000 | | 10,000,000 RF |
| | | | Purchase Oncology Information System UKHC | IT | 5,000,000 | | 5,000,000 RF |
| | | | Purchase Telephone System Replacement UKHC | IT | 3,000,000 | | 3,000,000 RF |
| | | | Purchase/Expand PACS System | IT | 5,000,000 | | 5,000,000 RF |
| | | | Renovate Nursing Units UKHC | C-PI | 6,500,000 | | 6,500,000 RF |
| | | | Renovate/Expand Clinical Services UKHC | C-PI | 15,000,000 | | 15,000,000 RF |
| | | | Renovate/Upgrade HealthCare Facilities | C-PI | 150,000,000 | | 150,000,000 RF |
| | | | Renovate/Upgrade Healthcare Services | C-O | 2,000,000 | | 2,000,000 RF |
| | | | Replace/Upgrade Perioper Information System | IT | 3,000,000 | | 3,000,000 RF |
| | | | Upgrade Administrative Systems | IT | 75,000,000 | | 75,000,000 RF |
| | | | Upgrade Clinical Enterprise Network UKHC | IT | 6,500,000 | | 6,500,000 RF |
| | | | Upgrade Enterprise Information Systems UKHC | IT | 20,000,000 | | 20,000,000 RF |
| | | | Upgrade Financial Systems | IT | 2,000,000 | | 2,000,000 RF |
| | | | Upgrade/Expand Cancer Treatment Facilities UKHC | C-O | 20,000,000 | | 20,000,000 RF |
| | | | Upgrade/Fit-up Hospital Facilities | C-PI | 35,000,000 | | 35,000,000 RF |
| | | | Upgrade/Renovate Surgical Services UKHC | C-PI | 5,000,000 | | 5,000,000 RF |
| | | | 2016-2018 Total | | 1,128,500,000 | | 1,128,500,000 |

University of Kentucky Hospital (continued)

Projects NOT involving the General Fund, Road Fund, or Agency Bonds

| <u>Priority #</u> | <u>Cab</u> | <u>Ag</u> | <u>Project</u> | <u>Type</u> | <u>Total Budget</u> | <u>General Funds</u> | <u>Other Funds/ Source(s)</u> |
|-------------------|------------|-----------|---|-------------|---------------------|----------------------|-------------------------------|
| 2018-2020 | | | | | | | |
| | | | Acquire Data Repository System UKHC | IT | 5,000,000 | | RF |
| | | | Construct Ambulatory Facility UKHC | C-O | 50,000,000 | | RF |
| | | | Construct Data Center UKHC | C-O | 45,000,000 | | RF |
| | | | Construct Hospice Facility UKHC | C-O | 4,000,000 | | RF |
| | | | Construct/Expand/Renovate Ambulatory Care UKHC | C-O | 15,000,000 | | RF |
| | | | Construct/Upgrade/Fit-Up Support Services UKHC | C-O | 3,675,000 | | RF |
| | | | Fit-up Hospital Dining Facilities | C-O | 17,000,000 | | OT-LTF |
| | | | Implement Land Use Plan UKHC | C-O | 5,000,000 | | RF |
| | | | Improve Building Systems UKHC | C-PI | 10,000,000 | | RF |
| | | | Improve Hospital Facility Good Samaritan | C-PI | 15,000,000 | | RF |
| | | | Purchase Clinical Information System | IT | 10,000,000 | | RF |
| | | | Renovate Diagnostic Treatment Services UKHC | C-PI | 2,500,000 | | RF |
| | | | Renovate Nursing Units UKHC | C-PI | 4,000,000 | | RF |
| | | | Upgrade UKHC IT System | IT | 10,000,000 | | RF |
| | | | Upgrade Clinical Enterprise Network UKHC | IT | 6,500,000 | | RF |
| | | | Upgrade Enterprise Information Systems UKHC | IT | 20,000,000 | | RF |
| | | | Upgrade/Fit-up Hospital Facilities | C-PI | 10,000,000 | | RF |
| | | | Upgrade/Relocate Pediatric Critical Care UKHC | C-O | 10,000,000 | | RF |
| | | | Upgrade/Renovate Surgical Services UKHC | C-PI | 5,000,000 | | RF |
| | | | 2018-2020 Total | | 247,675,000 | | 247,675,000 |
| 2020-2022 | | | | | | | |
| | | | Construct Freestanding Clinic | C-O | 36,000,000 | | RF |
| | | | Construct/Expand/Renovate Ambulatory Care | C-O | 15,000,000 | | RF |
| | | | Construct/Fit-Up Retail Space | C-O | 4,000,000 | | OT-LTF |
| | | | Construct/Renovate/Fit-up Physicians Service Facility | C-O | 2,000,000 | | RF |
| | | | Construct/Upgrade/Fit-Up Support Services UKHC | C-O | 4,000,000 | | RF |
| | | | Expand Patient Care Facility | C-O | 100,000,000 | | RF |
| | | | Expand/Construct Parking Structure UKHC | C-O | 40,000,000 | | RF |
| | | | Implement Energy Performance Contracting | C-O | 600,000 | | RF |
| | | | Implement Land Use Plan UKHC | C-O | 5,000,000 | | RF |
| | | | Improve Building Systems UKHC | C-PI | 10,000,000 | | RF |
| | | | Improve Hospital Facility Good Samaritan | C-PI | 15,000,000 | | RF |
| | | | Purchase Clinical Information System | IT | 10,000,000 | | RF |
| | | | Purchase Digital Medical Record Expansion | IT | 10,000,000 | | RF |
| | | | Renovate Nursing Units UKHC | C-PI | 2,000,000 | | RF |
| | | | Renovate Parking Structure #3 UKHC | C-PI | 3,500,000 | | RF |
| | | | Renovate/Expand Clinical Services UKHC | C-PI | 20,000,000 | | RF |
| | | | Renovate/Upgrade Good Samaritan Cafeteria UKHC | C-PI | 1,500,000 | | RF |
| | | | Upgrade UKHC IT System | IT | 10,000,000 | | RF |
| | | | Upgrade Clinical Enterprise Network UKHC | IT | 6,500,000 | | RF |
| | | | Upgrade Enterprise Information Systems | IT | 20,000,000 | | RF |

University of Kentucky Hospital (continued)

Projects NOT involving the General Fund, Road Fund, or Agency Bonds

| <u>Priority #</u> | <u>Project</u> | <u>Type</u> | <u>Total Budget</u> | <u>General Funds</u> | <u>Other Funds/Source(s)</u> |
|----------------------|--|-------------|----------------------|----------------------|------------------------------|
| <u>Cab</u> <u>Ag</u> | | | | | |
| | Upgrade/Fit-up Hospital Facilities | C-PI | 10,000,000 | | 10,000,000 RF |
| | Upgrade/Relocate Critical Care Facility UKHC | C-O | 10,000,000 | | 10,000,000 RF |
| | Upgrade/Renovate Surgical Services UKHC | C-PI | 5,000,000 | | 5,000,000 RF |
| | 2020-2022 Total | | 340,100,000 | | 340,100,000 |
| | Grand Total | | 1,716,275,000 | | 1,716,275,000 |

Explanation of Acronyms

PACS Picture Archiving and Communications System
 UKHC University of Kentucky Hospital Center

University of Louisville

Projects involving the General Fund (Cash/Bonds)

| <u>Priority #</u> | <u>Project</u> | <u>Type</u> | <u>Total Budget</u> | <u>General Funds</u> | <u>Other Funds/ Source(s)</u> |
|------------------------|--|-------------|---------------------|----------------------|-------------------------------|
| 2016-2018 | | | | | |
| 1 | Construct Instructional Building at Health Sciences Center | C-O | 71,730,000 | 71,730,000 | |
| 2 | Renovate Capital Renewal Pool 2016-2018 | C-PI | 35,000,000 | 35,000,000 | |
| 3 | Purchase Next Generation/ERP Support System | IT | 6,000,000 | 6,000,000 | |
| 4 | Purchase Research Computing Infrastructure | IT | 7,000,000 | 7,000,000 | |
| 5 | Renovate Natural Science Building | C-PI | 29,843,000 | 29,843,000 | |
| 6 | Renovate Kornhauser Library | C-PI | 19,900,000 | 19,900,000 | |
| 2016-2018 Total | | | 169,473,000 | 169,473,000 | |
| 2018-2020 | | | | | |
| | Construct Belknap Research Building II | C-O | 88,120,000 | 88,120,000 | |
| | Construct Belknap Research/Academic Conn Center | C-O | 102,210,000 | 102,210,000 | |
| | Construct HSC Research Facility V | C-O | 198,780,000 | 198,780,000 | |
| | Construct Shelbyhurst Research Building | C-O | 63,580,000 | 63,580,000 | |
| | Renovate Capital Renewal Pool 2018-2020 | C-PI | 15,000,000 | 15,000,000 | |
| | Renovate - Medical Dental Research Building | C-PI | 33,520,000 | 33,520,000 | |
| 2018-2020 Total | | | 501,210,000 | 501,210,000 | |
| 2020-2022 | | | | | |
| | Renovate Capital Renewal Pool 2020-2022 | C-PI | 15,000,000 | 15,000,000 | |
| 2020-2022 Total | | | 15,000,000 | 15,000,000 | |
| Grand Total | | | 685,683,000 | 685,683,000 | |

University of Louisville (continued)

Projects involving Agency Bonds

| <u>Priority #</u> | <u>Project</u> | <u>Type</u> | <u>Total Budget</u> | <u>General Funds</u> | <u>Other Funds/ Source(s)</u> |
|-------------------|--|-------------|---------------------|----------------------|-------------------------------|
| 2016-2018 | | | | | |
| 1 | Construct Belknap Parking Garage II | C-O | 45,625,000 | | 45,625,000 AB |
| 2 | Construct Residence Hall | C-O | 44,450,000 | | 44,450,000 AB |
| 3 | Renovate Medical School Tower Lab/Infrastructure Renewal | C-PI | 36,000,000 | | 36,000,000 AB |
| 4 | Renovate Residence Hall I | C-PI | 26,770,000 | | 26,770,000 AB |
| 5 | Renovate Residence Hall II | C-PI | 19,550,000 | | 19,550,000 AB |
| | 2016-2018 Total | | 172,395,000 | | 172,395,000 |
| 2018-2020 | | | | | |
| | Construct Health Sciences Center Parking Structure III | C-O | 51,220,000 | | 51,220,000 AB |
| | 2018-2020 Total | | 51,220,000 | | 51,220,000 |
| | Grand Total | | 223,615,000 | | 223,615,000 |

University of Louisville (continued)

Projects NOT involving the General Fund, Road Fund, or Agency Bonds

| <u>Priority #</u> | <u>Project</u> | <u>Type</u> | <u>Total Budget</u> | <u>General Funds</u> | <u>Other Funds/ Source(s)</u> |
|-------------------|---|-------------|---------------------|----------------------|-------------------------------|
| 2016-2018 | | | | | |
| | Acquire Land and Implement Land Use Plan | C-O | 72,000,000 | | RF |
| | Construct Administrative Office Building | C-O | 52,560,000 | | RF |
| | Construct Athletic Grounds Building | C-O | 1,550,000 | | OT-P |
| | Construct Athletics Office Building | C-O | 7,550,000 | | RF |
| | Construct Center for Creative Studies | C-O | 10,193,000 | | RF |
| | Construct Center for Social Change | C-O | 13,610,000 | | OT-P |
| | Construct Center for the Performing Arts | C-O | 76,660,000 | | RF |
| | Construct Executive MBA/Business Program | C-O | 12,000,000 | | RF |
| | Construct Health Sciences Center Administrative Office Building | C-O | 30,510,000 | | RF |
| | Construct Institute for Product Realization | C-O | 35,980,000 | | OT-P |
| | Construct Physical Plant Space in HSC Garage | C-O | 2,440,000 | | RF |
| | Construct Shelbyhurst Hotel/Conference Center | C-O | 18,720,000 | | OT-P |
| | Construct Shelbyhurst Parking Garage | C-O | 28,000,000 | | OT-P |
| | Construct Soccer Stadium Practice Field | C-O | 2,000,000 | | RF |
| | Construct Visitors Center | C-O | 2,000,000 | | RF |
| | Expand and Renovate College of Education Building | C-PI | 56,260,000 | | RF |
| | Expand and Renovate Houchens Building | C-O | 25,580,000 | | RF |
| | Expand Papa Johns Stadium/Football Complex | C-O | 55,000,000 | | OT-P |
| | Expand School of Public Health & Info Sciences | C-O | 11,610,000 | | RF |
| | Improve Accessibility | C-PI | 5,000,000 | | RF |
| | Improve Building Electrical Systems | C-PI | 20,000,000 | | RF |
| | Improve Building Mechanical Systems | C-PI | 28,000,000 | | RF |
| | Improve Civil Site Infrastructure | C-PI | 23,000,000 | | RF |
| | Improve Electrical Infrastructure | C-PI | 30,000,000 | | RF |
| | Improve Elevator Systems | C-PI | 5,000,000 | | RF |
| | Improve Housing Facilities | C-PI | 8,000,000 | | RF |
| | Improve Life Safety Projects | C-PI | 15,000,000 | | RF |
| | Improve Mechanical Infrastructure | C-PI | 30,000,000 | | RF |
| | Improve/Expand Academic Space | C-PI | 24,000,000 | | RF |
| | Improve/Expand Administrative Space | C-PI | 43,000,000 | | RF |
| | Improve/Expand Ambulatory Care Space | C-PI | 34,000,000 | | RF |
| | Improve/Expand Central Plants | C-PI | 41,000,000 | | RF |
| | Improve/Expand Parking | C-PI | 13,000,000 | | RF |
| | Improve/Expand Research Labs | C-PI | 46,000,000 | | RF |
| | Lease Digital Output System | IT | 2,500,000 | | RF |
| | Purchase Artificial Turf Field I | C-PI | 1,250,000 | | OT-P |
| | Purchase Artificial Turf Field II | C-PI | 1,250,000 | | OT-P |
| | Purchase Computer Processing System | IT | 8,000,000 | | RF |
| | Purchase Content Management System | IT | 4,000,000 | | RF |
| | Purchase Electronic Video Boards | C-PI | 2,000,000 | | RF |
| | Purchase Fiber Infrastructure | IT | 7,000,000 | | RF |
| | Purchase IT Data Center Support Systems | IT | 20,000,000 | | RF |
| | Purchase Networking System | IT | 8,000,000 | | RF |
| | Purchase Security and Firewall Infrastructure | IT | 8,000,000 | | RF |
| | Purchase Storage System | IT | 12,000,000 | | RF |

University of Louisville (continued)

Projects NOT involving the General Fund, Road Fund, or Agency Bonds

| <u>Priority #</u> | | | <u>Total</u> | <u>General</u> | <u>Other Funds/</u> | |
|-------------------|-----------|---|----------------------|----------------|----------------------|------|
| <u>Cab</u> | <u>Ag</u> | <u>Project</u> | <u>Budget</u> | <u>Funds</u> | <u>Source(s)</u> | |
| | | Renovate Burhans Hall | 17,000,000 | | 17,000,000 | OT-P |
| | | Renovate Football Practice Field Lighting | 780,000 | | 780,000 | OT-P |
| | | Renovate Guaranteed Energy Savings (2016-2018) | 600,000 | | 600,000 | RF |
| | | Renovate Health Sciences Center Simulation Center | 15,000,000 | | 15,000,000 | RF |
| | | Renovate IT Data Center Power Upgrade | 8,000,000 | | 8,000,000 | RF |
| | | Renovate J. B. Speed Building | 13,260,000 | | 13,260,000 | RF |
| | | Renovate K-Wing Building | 25,610,000 | | 25,610,000 | RF |
| | | Renovate Law School | 36,081,000 | | 36,081,000 | RF |
| | | Renovate Papa John's Stadium Seat Replacement | 5,460,000 | | 5,460,000 | OT-P |
| | | Renovate Resurface Track and Cardio Path | 1,500,000 | | 1,500,000 | RF |
| | | 2016-2018 Total | 1,076,514,000 | | 1,076,514,000 | |
| 2018-2020 | | | | | | |
| | | Construct Health Sciences Center Steam/Chilled Water Plant II | 42,970,000 | | 42,970,000 | RF |
| | | Construct Shelbyhurst Research & Development Building | 88,470,000 | | 88,470,000 | OT-P |
| | | Construct Shelbyhurst Tech Center/Conference Facility | 20,500,000 | | 20,500,000 | OT-P |
| | | Construct Shelbyhurst Technology/Office Building | 43,050,000 | | 43,050,000 | OT-P |
| | | Improve Housing Facilities (2018-2020) | 6,000,000 | | 6,000,000 | RF |
| | | Renovate Jouett Hall | 3,709,000 | | 3,709,000 | RF |
| | | Renovate Oppenheimer Hall | 5,389,000 | | 5,389,000 | RF |
| | | Renovate Schneider Hall | 21,836,000 | | 21,836,000 | RF |
| | | Renovate W.S. Speed Building | 14,840,000 | | 14,840,000 | RF |
| | | 2018-2020 Total | 246,764,000 | | 246,764,000 | |
| | | Grand Total | 1,323,278,000 | | 1,323,278,000 | |

Explanation of Acronyms

ERP Enterprise Resource Planning

Western Kentucky University

Projects involving the General Fund (Cash/Bonds)

| <u>Priority #</u> | | | <u>Total</u> | <u>General</u> | <u>Other Funds/</u> |
|------------------------|-----------|---|---------------|--------------------|---------------------|
| <u>Cab</u> | <u>Ag</u> | <u>Project</u> | <u>Budget</u> | <u>Funds</u> | <u>Source(s)</u> |
| | | <u>Type</u> | | | |
| 2016-2018 | | | | | |
| 1 | | Construct New Gordon Ford College of Business | C-O | 97,200,000 | 97,200,000 |
| 2 | | Replace Underground Infrastructure Steam/Electric | C-PI | 30,000,000 | 30,000,000 |
| 3 | | Renovate Gordon Wilson Hall | C-PI | 4,000,000 | 4,000,000 |
| 4 | | Renovate Helm/Cravens Library | C-PI | 41,800,000 | 41,800,000 |
| 5 | | Renovate Ivan Wilson Center Phase II | C-PI | 38,500,000 | 38,500,000 |
| 6 | | Renovate Academic Complex | C-PI | 27,500,000 | 27,500,000 |
| 7 | | Renovate Kentucky Building | C-PI | 17,500,000 | 17,500,000 |
| 8 | | Design Environmental Science & Tech Hall Renovation | C-PI | 2,000,000 | 2,000,000 |
| 9 | | Major Renovation Gordon Wilson Hall | C-PI | 9,700,000 | 9,700,000 |
| 10 | | Capital Renewal Pool 2016-2018 | C-PI | 10,000,000 | 10,000,000 |
| 11 | | Construct South Region Postsecondary Ed Center Phase II | C-O | 11,000,000 | 11,000,000 |
| 12 | | Const Owensboro Technology Center Phase II | C-O | 11,000,000 | 11,000,000 |
| 13 | | Upgrade IT Infrastructure | IT | 6,000,000 | 6,000,000 |
| 14 | | Renovate Jones Jagers Interior | C-O | 1,000,000 | 1,000,000 |
| 15 | | Design Agriculture Expo Center Renovation | C-PI | 1,000,000 | 1,000,000 |
| 16 | | Renovate Art Lab/Museum | C-O | 4,200,000 | 4,200,000 |
| 17 | | Renovate Central Heat Plant | C-PI | 5,100,000 | 5,100,000 |
| 18 | | Renovate Thompson Complex Center Wing | C-PI | 3,000,000 | 3,000,000 |
| 19 | | Renovate International Center to Multicultural Center | C-O | 1,500,000 | 1,500,000 |
| 2016-2018 Total | | | | 322,000,000 | 322,000,000 |
| 2018-2020 | | | | | |
| | | Construct School of Kinesiology, Rec, Sport Facility | C-O | 12,000,000 | 12,000,000 |
| | | Expand Center for Research and Development | C-O | 12,500,000 | 12,500,000 |
| | | Purchase Prop/Parking and Street Improvements 2018-2020 | C-PI | 1,000,000 | 1,000,000 |
| | | Renovate Agriculture Expo Center | C-PI | 6,000,000 | 6,000,000 |
| | | Renovate Cherry Hall | C-PI | 13,500,000 | 13,500,000 |
| | | Renovate Environmental Science and Technology Hall | C-PI | 25,400,000 | 25,400,000 |
| | | Renovate Garrett Conf Center Renovation | C-PI | 18,900,000 | 18,900,000 |
| | | Renovate Industrial Education Facility | C-PI | 5,300,000 | 5,300,000 |
| | | Renovate Parking Structure 1 Ground Level/Facilities Management | C-PI | 10,800,000 | 10,800,000 |
| | | Renovate Service Supply Building | C-PI | 11,500,000 | 11,500,000 |
| | | Upgrade Domestic Water and Distribution | C-PI | 8,800,000 | 8,800,000 |
| | | Upgrade Sanitary Sewer/Storm Water Lines | C-PI | 16,100,000 | 16,100,000 |
| 2018-2020 Total | | | | 141,800,000 | 141,800,000 |
| 2020-2022 | | | | | |
| | | Demolition of Tate Page Hall | C-PI | 3,000,000 | 3,000,000 |
| | | Renovate Jones Jagers Hall | C-PI | 11,400,000 | 11,400,000 |
| 2020-2022 Total | | | | 14,400,000 | 14,400,000 |
| Grand Total | | | | 478,200,000 | 478,200,000 |

Western Kentucky University (continued)

Projects involving Agency Bonds

| <u>Priority #</u> | <u>Cab</u> | <u>Ag</u> | <u>Project</u> | <u>Type</u> | <u>Total Budget</u> | <u>General Funds</u> | <u>Other Funds/ Source(s)</u> |
|------------------------|------------|-----------|---|-------------|---------------------|----------------------|-------------------------------|
| 2016-2018 | | | | | | | |
| 1 | | | Construct Parking Structure III | C-O | 10,000,000 | | 10,000,000 AB |
| 2 | | | Construct Parking Structure | C-O | 20,000,000 | | 20,000,000 AB |
| 2016-2018 Total | | | | | 30,000,000 | | 30,000,000 |
| 2018-2020 | | | | | | | |
| | | | Expand Student Intramural Recreation Facility | C-O | 20,000,000 | | 20,000,000 AB |
| 2018-2020 Total | | | | | 20,000,000 | | 20,000,000 |
| Grand Total | | | | | 50,000,000 | | 50,000,000 |

Projects NOT involving the General Fund, Road Fund, or Agency Bonds

| | | | | | | | |
|------------------------|--|--|--|------|-------------------|--|-------------------|
| 2016-2018 | | | | | | | |
| | | | Acquire FF&E Diddle Arena | EQ | 3,000,000 | | 3,000,000 OT-P |
| | | | Acquire FF&E Equipment Pool 2016-2018 | EQ | 2,500,000 | | 2,500,000 RF |
| | | | Add Club Seating at Diddle Arena | C-PI | 2,200,000 | | 2,200,000 OT-P |
| | | | Construct Academic/Retail Space | C-O | 2,000,000 | | 2,000,000 RF |
| | | | Construct Baseball Grandstand | C-O | 4,500,000 | | 4,500,000 OT-P |
| | | | Construct Football Pressbox | C-PI | 5,000,000 | | 5,000,000 OT-P |
| | | | Construct Science Gallery | C-O | 2,500,000 | | 2,500,000 OT-P |
| | | | Construct Track and Field Facilities Phase I | C-O | 4,000,000 | | 4,000,000 OT-P |
| | | | Energy Saving Performance Contracting 2016-2018 | C-PI | 10,000,000 | | 10,000,000 OT-LTF |
| | | | Purchase Property for Campus Expansion 2016-2018 | C-O | 3,000,000 | | 3,000,000 RF |
| | | | Purchase Prop/Parking and Street Improve 2016-2018 | C-O | 3,000,000 | | 3,000,000 RF |
| | | | Remove and Replace Student Housing @ Farm | C-O | 800,000 | | 800,000 RF |
| | | | Renovate CRD Phase I | C-PI | 6,000,000 | | 6,000,000 RF |
| | | | Renovate Foundation Building | C-PI | 1,200,000 | | 1,200,000 RF |
| | | | Renovate Garrett Conference Center | C-PI | 12,000,000 | | 12,000,000 RF |
| | | | Renovate Grise Hall Restrooms ADA | C-PI | 930,000 | | 930,000 RF |
| | | | Renovate State/Normal Street Properties | C-PI | 1,500,000 | | 1,500,000 RF |
| | | | Renovate Tate Page Hall | C-PI | 1,200,000 | | 1,200,000 RF |
| 2016-2018 Total | | | | | 65,330,000 | | 65,330,000 |

Western Kentucky University (continued)

| <u>Priority #</u> <u>Cab Ag</u> | <u>Project</u> | <u>Type</u> | <u>Total</u> <u>Budget</u> | <u>General</u> <u>Funds</u> | <u>Other Funds/</u> <u>Source(s)</u> |
|--|---|-------------|-------------------------------|--------------------------------|---|
| Projects NOT involving the General Fund, Road Fund, or Agency Bonds | | | | | |
| 2018-2020 | | | | | |
| | Construct Indoor Soccer/Roller Hockey Facility | C-O | 11,800,000 | 11,800,000 | OT-P |
| | Construct South Plaza | C-O | 2,500,000 | 2,500,000 | OT-P |
| | Construct Track and Field Facilities Phase II | C-O | 6,000,000 | 6,000,000 | OT-P |
| | Purchase Property for Campus Expansion 2018-2020 | C-O | 2,000,000 | 2,000,000 | RF |
| | Renovate Center for Research and Development Phase II | C-PI | 15,000,000 | 15,000,000 | RF |
| | 2018-2020 Total | | 37,300,000 | 37,300,000 | |
| 2020-2022 | | | | | |
| | Construct Parking Structure | C-O | 10,000,000 | 10,000,000 | RF/OT-P |
| | Purchase Property for Campus Expansion 2020-2022 | C-O | 2,000,000 | 2,000,000 | RF |
| | Purchase Prop/Parking and Street Improve 2020-2022 | C-O | 3,000,000 | 3,000,000 | RF |
| | 2020-2022 Total | | 15,000,000 | 15,000,000 | |
| | Grand Total | | 128,430,000 | 128,430,000 | |

Explanation of Acronyms

CRD Center for Research and Development
FF&E Furniture, Fixtures, and Equipment

Court of Justice

Projects involving the General Fund (Cash/Bonds)

| <u>Priority #</u> <u>Cab Ag</u> | <u>Project</u> | <u>Type</u> | <u>Total</u> <u>Budget</u> | <u>General</u> <u>Funds</u> | <u>Other Funds/</u> <u>(Local Bonds)</u> |
|------------------------------------|--|-------------|-------------------------------|--------------------------------|---|
| 2016-2018 | | | | | |
| 1 | Construction/Renovation/Addition Project #1 | CO | 10,415,000 | 926,600* | 10,415,000 |
| 2 | Construction/Renovation/Addition Project #2 | CO | 10,740,000 | 957,500* | 10,740,000 |
| 3 | Kentucky Human Resource Information System (KHRIS) | IT | 600,000 | 600,000 | |
| 4 | Repairs Mason County | CO | 830,000 | 86,700* | 830,000 |
| 5 | Repairs Simpson County | CO | 2,298,000 | 231,900* | 2,298,000 |
| | 2016-2018 | | 24,883,000 | 2,802,700 | 24,283,000 |
| 2018-2020 | | | | | |
| | Construction/Renovation/Addition Project #3 | C-O | 10,415,000 | 926,600* | 10,415,000 |
| | Construction/Renovation/Addition Project #4 | C-O | 10,415,000 | 926,600* | 10,415,000 |
| | 2018-2020 Total | | 20,830,000 | 1,853,200 | 20,830,000 |
| 2020-2022 | | | | | |
| | Construction/Renovation/Addition Project #5 | C-O | 10,415,000 | 926,600* | 10,415,000 |
| | Construction/Renovation/Addition Project #6 | C-O | 10,415,000 | 926,600* | 10,415,000 |
| | 2020-2022 Total | | 20,830,000 | 1,853,200 | 20,830,000 |
| | *General Fund Use Allowance | | | | |
| | Grand Total | | 66,543,000 | 6,509,100 | 65,943,000 |

Appendices

- **A: KRS Chapter 7A.010 To 7A.170**
- **B: Report Of The Commonwealth Office Of Technology**
- **C: Report Of The Council On Postsecondary Education**
- **D: Report On Kentucky Bonded Indebtedness**

Appendix A

KRS Chapter 7A

Enabling Statutes for the Capital Planning Advisory Board

7A.010 Definitions

As used in this chapter, unless the context otherwise requires:

- (1) “Capital project” means:
 - (a) Any undertaking which is to be financed or funded through an appropriation by the General Assembly of general fund, road fund, bond fund, trust and agency fund, or federal fund moneys, where the expenditure is a capital expenditure pursuant to statute or under standards prescribed by the Legislative Research Commission under the authority of KRS Chapter 48;
 - (b) Any undertaking which is to be financed by a capital expenditure for use by the state government or one of its departments or agencies, as defined in KRS 12.010 or enumerated in KRS 12.020, including projects related to the construction or maintenance of roads, and including projects of institutions of higher education as defined in KRS 164A.550(2);
 - (c) Any capital construction item, or any combination of capital construction items necessary to make a building or utility installation complete, estimated to cost six hundred thousand dollars (\$600,000) or more, or any item of movable equipment, estimated to cost two hundred thousand dollars (\$200,000) or more, regardless of the source of funds;
 - (d) Any lease of real property whose value is two hundred thousand dollars (\$200,000) or more;
 - (e) Any lease of an item of movable equipment if the total cost of the lease, lease-purchase, or lease with an option to purchase is two hundred thousand dollars (\$200,000) or more; or
 - (f) Any new acquisition, upgrade, or replacement of an information technology system estimated to cost six hundred thousand dollars (\$600,000) or more.
- (2) “Board” means the Capital Planning Advisory Board of the Kentucky General Assembly created by KRS 7A.110.
- (3) “Plan” means the state capital improvement plan provided for by KRS 7A.120.
- (4) “State agency” means any department, commission, council, board, bureau, committee, institution, legislative body, agency, government corporation, or other entity of the executive, judicial, or legislative branch of the state government.

- (5) “Information technology system” means any related computer or telecommunications components that provide a functional system for a specific business purpose and contain one (1) or more of the following:
- (a) Hardware;
 - (b) Software, including application software, systems management software, utility software, or communications software;
 - (c) Professional services for requirements analysis, system integration, installation, implementation, or data conversion services; or
 - (d) Digital data products, including acquisition and quality control.

Effective: July 12, 2006

History: Amended 2006 Ky. Acts ch. 199, sec. 1, effective July 12, 2006. – Amended 2003 Ky. Acts ch. 188, sec. 2, effective June 24, 2003. – Amended 1994 Ky. Acts. ch. 31, sec. 1, effective July 15, 1994. – Created 1990 Ky. Acts. ch. 503, sec. 2, effective July 13, 1990.

7A.100 Capital Planning Advisory Board of the General Assembly established.

The Capital Planning Advisory Board of the Kentucky General Assembly is established. The members of this board shall represent all three (3) branches of government and are empowered to prepare a comprehensive state capital improvement plan and to make funding recommendations to each branch head as to state spending for capital projects.

Effective: July 13, 1990

History: Created 1990 Ky. Acts ch. 503, sec. 1, effective July 13, 1990.

7A.110 Membership of board -- Meetings -- Vote required to act.

(1) The Capital Planning Advisory Board of the Kentucky General Assembly shall consist of sixteen (16) members. The manner of appointment and terms of the members of the board shall be as follows:

- (a) Four (4) members shall be appointed by the Governor to represent the executive branch of state government. These members shall serve for a term of four (4) years and until their successors are appointed.
- (b) Four (4) members shall be appointed by the Chief Justice of the Supreme Court to represent the judicial branch of state government. These members shall serve for a term of four (4) years and until their successors are appointed.
- (c) Four (4) members shall represent the legislative branch of state government and shall be appointed and serve as follows:
 - 1. The Speaker of the House of Representatives shall appoint two (2) members, each of whom shall serve while a member of the House for the term for which he has been elected, and one (1) of whom shall be designated co-chair; and
 - 2. The President of the Senate shall appoint two (2) members, each of whom shall serve while a member of the Senate for the term for which he has been elected, and one (1) of whom shall be designated co-chair.

(d) Four (4) public members shall be appointed from the Commonwealth at large, one (1) by the Governor, one (1) by the Chief Justice, one (1) by the President of the Senate, and one

- (1) by the Speaker of the House of Representatives. The public members shall serve for a term of four (4) years and until their successors are appointed.
- (2) Any vacancy on the board shall be filled in the same manner as the original appointment.
- (3) The co-chairs shall have joint responsibilities for board meeting agendas and presiding at board meetings.
- (4) On an alternating basis, each co-chair shall have the first option to set the monthly meeting date. A monthly meeting may be canceled by agreement of both co-chairs. The board shall meet at least twice during each calendar year.
- (5) Members of the board shall be entitled to reimbursement for expenses incurred in the performance of their duties.
- (6) A majority of the entire membership of the Capital Planning Advisory Board shall constitute a quorum, and all actions of the board shall be by vote of a majority of its entire membership.
 - Effective:** March 31, 2003
 - History:** Amended 2003 Ky. Acts ch. 185, sec. 8, effective March 31, 2003. -- Amended 1994 Ky. Acts ch. 486, sec. 13, effective July 15, 1994. -- Created 1990 Ky. Acts ch. 503, sec. 3, effective July 13, 1990.

7A.120 State capital improvement plan.

- (1) Every two (2) years, the board shall prepare a state capital improvement plan containing its proposals for state spending for capital projects.
- (2) Copies of the plan shall be submitted to the Governor, the Chief Justice, and the Legislative Research Commission no later than November 1 of each odd-numbered year. The plan shall provide:
 - (a) A detailed list of all capital projects of the state, including transportation projects as submitted by the Kentucky Transportation Cabinet and approved by the Joint Transportation Committee, which the board recommends be undertaken or continued by any state agency during the six (6) fiscal year period commencing with the upcoming biennial budget, together with information as to the effect of these capital projects on future operating expenses of the Commonwealth, and with recommendations as to the priority of these capital projects and the means of funding them;
 - (b) The forecast of the board as to the requirements for capital projects of state agencies during the six (6) fiscal year period and for those additional periods, if any, necessary or desirable for adequate presentation of particular capital projects, and a schedule for the planning and implementation or construction for these additional periods;
 - (c) A schedule for the next biennial budget of recommended appropriations of bond funds from issues of bonds previously authorized;
 - (d) A review of capital projects which have recently been implemented or completed or are in process of implementation or completion;

- (e) Recommendations as to the maintenance of physical properties and equipment of state agencies; and
 - (f) Any other information that the board deems relevant to the foregoing matters.
- (3) Each state agency, excluding the Department of Highways, shall no later than April 15 of each odd-numbered year provide the board with information described in subsection (2) of this section in the form that shall be prescribed by the board.
- (4) In addition to information available to the board under the computerized record keeping of the Finance and Administration Cabinet, each state agency shall, when requested, provide the board with supplemental information concerning any real property owned or leased by the agency, including its current or future availability for other state uses.

Effective: July 13, 1990

History: Created 1990 Ky. Acts ch. 503, sec. 4, effective July 13, 1990.

7A.130 Public hearings.

The board may conduct public hearings in furtherance of its general purposes at places designated by it, at which hearings it may request the appearance of officials of any state agency and solicit the testimony of interested groups and the general public.

Effective: July 13, 1990

History: Created 1990 Ky. Acts ch. 503, sec. 5, effective July 13, 1990.

7A.140 Administrative regulations.

The board may adopt any administrative regulations necessary to carry out its planning and advisory functions as provided by this chapter.

Effective: July 13, 1990

History: Created 1990 Ky. Acts ch. 503, sec. 6, effective July 13, 1990.

7A.150 Legislative Research Commission's responsibility for staffing and operating costs of board.

The Legislative Research Commission shall have exclusive jurisdiction over the employment of personnel necessary to carry out the provisions of KRS Chapter 7A. Staff and operating costs of the Capital Planning Advisory Board shall be provided from the budget of the Legislative Research Commission.

Effective: July 14, 1992

History: Amended 1992 Ky. Acts ch. 41, sec. 1, effective July 14, 1992. --
Created 1990 Ky. Acts ch. 503, sec. 7, effective July 13, 1990.

7A.160 Use of existing studies, surveys, plans, and data.

The board may make use of existing studies, surveys, plans, data, and other materials in the possession of any state agency. Upon request by the board, an agency shall make these materials available to the board so that the board may have current information on the capital plans and programs of the agency.

Effective: July 13, 1990

History: Created 1990 Ky. Acts ch. 503, sec. 8, effective July 13, 1990.

7A.170 Advisory Committees.

The officers and personnel of any state agency and any other person may serve at the request of the board upon any advisory committees that the board may create. State officers and personnel may serve upon these advisory committees without forfeiture of office or employment and with no loss or diminution in the compensation, status, rights, and privileges which they otherwise enjoy.

Effective: July 13, 1990

History: Created 1990 Ky. Acts ch. 503, sec. 9, effective July 13, 1990.

Appendix B

Report Of The Commonwealth Office Of Technology

As has been its practice in previous planning processes, the Capital Planning Advisory Board requested the assistance of outside expertise in reviewing the information technology items and systems submitted in the 2016-2022 agency capital plans. Specifically, the board requested a report from the Commonwealth Office of Technology that would

- identify those items/systems—particularly those proposed to be financed from the General Fund (cash or bonds)—that are high-priority needs and the criteria on which those determinations were based; and
- include recommendations or information on any other items relating to information technology in Kentucky state government that would be helpful to the board in developing its statewide capital improvements plan.

The report from the Commonwealth Office of Technology follows.



**FINANCE AND ADMINISTRATION CABINET
COMMONWEALTH OFFICE OF TECHNOLOGY**

Steven L. Beshear
Governor

Lori H. Flanery
Secretary
Finance and Administration Cabinet

101 Cold Harbor Drive
Frankfort, Kentucky 40601
Phone: 502-564-1201
Fax: 502-564-5769
<http://technology.ky.gov/>

James M. Fowler
Chief Information Officer

Jim Barnhart
Deputy Commissioner

Senator Humphries
Representative Mills
Capital Planning Advisory Board

Dear Senator Humphries and Representative Mills,

I am pleased to submit to the Capital Planning Advisory Board the results of our review of the information technology projects for the next biennium. Members of my staff and agency representatives performed the review. We focused specifically on information technology projects for the 2016-2018 biennium utilizing a methodology that promotes an objective view to determine those systems with the highest value and least potential risk to the Commonwealth. The results of this review are contained within three reports:

- Appendix A: 2016-2018 All Funds Capital Information Technology Projects Listing
- Appendix B: 2016-2018 General Fund High Value Information Technology Projects
- Appendix C: 2016-2018 Chief Information Officer: Additional Priorities

Each capital project submission provides value and I feel the projects identified with the acronym of "HV" in the enclosed reports best support the strategic direction of the Commonwealth and provide the greatest returns on our investments.

Kentucky is making progress with our use of information technology to serve our citizens. I look forward to continuing to work with this body so that together we can continue to move Kentucky forward.

Sincerely,

A handwritten signature in black ink, appearing to read "JMF", written over a white background.

James M. Fowler
Chief Information Officer

2016-2018 Capital Improvement Plans July 2015

Executive Summary

The phrase ‘electronic government’ or ‘e-gov’ entered the mainstream vocabulary in 1993. In the past 22 years, Kentucky has had some significant victories in migrating from manual processes to electronic service delivery, however ‘e-gov’ is still not a mainstream reality in many areas of state government. While Kentucky leadership at all levels may understand the significant role that information technology (IT) plays in the delivery of citizen services, it is only recently that legislation such as KRS 14.250, KRS 14.255, and Governor Beshear’s Executive Order 2012-880 have put an emphasis on its importance. Unfortunately, while pockets of spending have been allocated year to year, funding in support of ‘e-gov’ has not kept up with the demand. Kentucky has a considerable way to go before the technology that allows for 24/7 government is perceived as an integral part of the business of state government. The Commonwealth has even further to go before it is understood that technology is not merely an additional cost center nor is it a ‘buy it and forget it’ proposition. In reality, technology has become the core of today’s society.

The rate of change in IT continues to increase exponentially with things that were mere dreams less than a decade ago, now part of day-to-day reality. The ‘Internet of Things’, or ‘IoT’, is as commonplace in trade magazines today as the World Wide Web was in 1993. Our citizens utilize these advances every day in their interaction with businesses and friends. They expect the same capabilities from their government. The Commonwealth must make a dedicated effort to provide the funding to allow state agencies the opportunity to enter into the 21st Century way of conducting business.

The agencies of the Commonwealth have submitted a variety of exciting and reasonable plans for ways to more efficiently and effectively serve their constituents. Presentations were well thought out and displayed a deep understanding of agency business needs and how IT can be utilized to perform ‘more with less’. Considerable time and effort were spent gathering the necessary information to submit viable proposals. In few circumstances were the projects deemed by the scoring committee to be anything less than essential to the core business functions of the agency.

To start the review process, the Commonwealth Office of Technology (COT) once again worked with the Technology Advisory Council (TAC), to establish a workgroup to participate in all aspects of the Capital IT projects review and scoring process. Representatives from a wide array of state agencies, including the Cabinet for Economic Development, the Cabinet for Health and Family Services, the Education and Workforce Development Cabinet, Office of the State Budget Director, and the Public Protection Cabinet, joined COT on the scoring panel. These representatives also covered the functional breadth of information technology, business and finance. This review and scoring methodology continues to support the defined key strategic initiatives of the Commonwealth: public safety, electronic health services, quality education, transportation infrastructure and efficient government services.

For the 2016-2018 biennium submission, agencies realize that a more prosperous economic upturn has been firmly re-established within the Commonwealth. They also wish to make the incoming administration aware of their long overdue IT needs. A total of 42 qualifying projects were submitted for the 2016-2018 biennium. This is nearly identical to the 2014-2016 cycle count of forty (40) projects.

Approximately \$226.7 Million will be needed to fulfill all requests across all funding sources as opposed to the \$267.6 Million in projects submitted by state agencies for consideration during the prior planning cycle. Only four (4) projects had a cost estimate over \$10 Million with only one (1) true 'mega project' estimated to cost \$55 Million, with the majority of that coming from Federal matching funds. The average cost across all projects is roughly \$5.4 Million with a full twelve (12) projects costing \$1 Million or less and an additional ten (10) costing between \$1-2 Million. This continues to support evidence that 1) technology costs continue to drop, and 2) projected costs are diminishing because consolidated agencies are depending on COT-provided infrastructure and not having to procure it themselves.

There were a total of fifteen (15) projects that were repeat submissions from the previous cycle and nine (9) of these were repeats from the 2012-2014 biennium submissions. Several of these projects were presented in the 2014-2016 report as 'High Value' and were recommended to the Capital Planning Advisory Board for consideration of funding. Some of these same projects have earned the 'High Value' distinction again this time and monies should be found to support as many of these efforts as possible to make state government more efficient and provide additional 'any place, any time' service opportunities for our citizens.

Based upon the recommendations of the evaluation team, the Chief Information Officer of the Commonwealth has produced three reports for the Capital Planning Advisory Board to consider in its formulation of a statewide capital improvement plan. The first two reports are the direct result of COT's well established review methodology and evaluation process. These enclosed reports are titled:

- 2016-2018 All Funds Capital Information Technology Projects Listing
- 2016-2018 General Fund High Value Information Technology Projects

A third report highlights other projects that specifically enable the Commonwealth to achieve its strategic goals but fell just short mathematically of receiving an 'HV' designation. This enclosed report is titled:

- 2016-2018 Chief Information Officer: Additional Priorities

2016-2018 Capital Improvement Plans

Overview and Assessment of Information Technology Capital Items for the Capital Planning Advisory Board

Commonwealth Office of Technology July 2015

Introduction

The Commonwealth Chief Information Officer (CIO) submits this report to the Capital Planning Advisory Board (CPAB) as requested and required by 1 KAR 6:020. At the request of the CPAB, the CIO is assigned the primary responsibility for information technology (IT) capital item review, assessment, prioritization and enterprise ranking for Executive branch agencies. The CPAB has requested that the CIO report capital IT items or systems to identify high priority needs, particularly those proposed to be financed from General Funds (cash or bonds). Additionally, the CPAB requested that the CIO present the criteria upon which the information technology items or systems are determined to have high value and priority. Finally, the CPAB encouraged the CIO to include in this report recommendations or information on any other items affecting information technology in state government, believed to be helpful to the CPAB in developing its statewide plan.

The CPAB will find in the presentation of this report that the CIO has once again undertaken a defined, disciplined and objective approach to the evaluation of capital IT requests submitted by executive branch state agencies. COT has worked closely with the Technology Advisory Council (TAC) to facilitate a thorough review and analysis resulting in the recommendations outlined in this report.

For the 2016-2018 capital planning cycle, 42 Capital IT qualifying projects were submitted by Executive branch state agencies. Additionally, COT has again coordinated with staff of the Council on Postsecondary Education (CPE) for their continued review of university plans, including IT capital items and systems. In addition, neither the CIO nor COT has oversight authority for information technology initiatives in the Legislative or Judicial branches as stipulated in KRS 11.509.

Summary of Capital IT Projects Submissions

The planned budget amounts of state agency capital items submitted for the 2016-2018 cycle totals approximately \$226.7 Million. These monies are broken down into the following categories and compared to last cycle:

| | <u>2016-2018</u> | <u>2014-2016</u> |
|--------------------|------------------|------------------|
| • General Funds | \$146.0 M | \$132.0 M |
| • Federal Funds | 36.5 M | 102.6 M |
| • Restricted Funds | 29.5 M | 19.0 M |
| • Road Funds | 13.4 M | 6.0 M |
| • Private Funds | 1.3 M | 8.0 M |

Evaluation of Capital IT Projects

To execute its responsibility to provide a meaningful and justifiable review of capital IT submissions to the CPAB, and to objectively quantify the value and potential risk of the items and systems, COT continues to apply a disciplined, objective review and analysis process incorporating clearly defined criteria and scoring attributes. A formal evaluation tool also continues to be used by COT to facilitate the analysis and ranking of IT projects.

Any technology endeavor must improve the manner in which the Commonwealth conducts business and ultimately must lead to the provision of better service to its citizens. To that end, COT again requested that agencies prepare their requests utilizing a formal business case template that would help clarify and quantify the value of each submission. Moreover, the inherent business value of any IT project should be delivered to the Commonwealth while introducing minimal or no additional amount of risk or duplicative efforts to either the project or the organization. Traditionally large dollar projects delivered as ‘big bang’ at the end of multiple years requiring considerable development or customization are at increased risk for not delivering upon the initially agreed scope. As a component of the 4 year enterprise IT strategic plan, this review cycle also gave consideration for those legacy systems that are becoming more difficult to modify to new business or legal requirements and increasingly more difficult to find staff to maintain because the development languages utilized are no longer being taught at colleges and universities across the nation. A total of twelve (12) of the submitted projects were for legacy system replacements.

Each proposed capital IT project was evaluated by the eight (8) member committee against the following independent criteria: Business Value and Risk Factors. The two (2) major criteria were comprised of a total of eleven (11) subcomponents as follows, each numerically weighted with an assigned ranking being explicitly defined:

Business Value:

Business Case & Justification

Efficiency includes Cost Savings or Avoidance, Revenue or Accountability

Executive Sponsorship

Service Improvement thru Shared Services

Improved Quality of Life for Citizens

Risk Factors:

Change in Total Cost of Ownership

System Data Classification

Solution Definition

Implementation Timeline

Level of Complexity

Legacy System Replacement

A composite business value index and risk factor index was derived for each capital IT project submission, with those projects exemplifying highest business value and lowest risk factors being ranked as achieving the designation of ‘High Value’.

The two enclosed reports, detailing the ranking of the submitted projects are entitled:

- *2016-2018 All Funds Capital Information Technology Projects Listing*
- *2016-2018 General Fund High Value Information Technology Projects*

For a more detailed overview of the methodology and ranking process please see the document enclosed within this report entitled: *Information Technology Capital Project Review Process*.

Chief Information Officer: Additional Priorities

The CIO has defined a priority list of additional general fund capital IT projects based upon the strategic goals of the Commonwealth and interactive discussion with state agencies. These goals address priority areas throughout state government that may not have received ‘HV’ designation but are believed to have potential for maximizing agency business value with properly applied project and risk management.

The CIO proposes the following list of projects and designates them as critical because of their direct contribution to meeting the strategic goals of the Commonwealth.

- *2016-2018 Chief Information Officer: Additional Priorities*

Information Technology Observations and Recommendations

1) COT worked closely with the Technology Advisory Council (TAC) on the development of its 2014-2018 Strategic Plan. One of the suggestions from those discussions was for COT to consider offering a rated service for document management, to include both the scanning of existing records or the creation of on-line electronic forms as well as workflows that would eliminate the necessity for paper documents completely. COT coordinated with a TAC workgroup on the creation of the submitted restricted fund project, ‘Enterprise Document Management’. In addition to the COT project, several agencies submitted general fund projects requesting services for scanning or digitizing records or the development of electronic forms. COT feels this is a prime example of the role it should serve as the centralized technology provider for the executive branch. Although four (4) of these submitted projects scored as ‘HV’, COT believes that funding the centralized Enterprise Document Management project could meet the needs of those agencies as well as the larger needs of the executive branch. COT plans to continue efforts with the TAC workgroup to be ready to move forward on the ‘Enterprise Document Management’ project if funds are made available in support of this initiative during this budget cycle.

COT also plans to work closely with the TAC earlier in the Capital IT project cycle for 2018-2020 to understand what additional consolidated service offerings it should prepare for unified project submission on behalf of the Executive Branch.

2) The Commonwealth’s CIO believes that in the span of 5-7 years, COT will no longer directly provide infrastructure components but will instead be a broker of ‘as a service’ offerings. With this in mind, COT believes that ***KRS 45.750 Definitions for KRS 45.760 to 45.810***, should be reviewed for an update to item 1 (e) “information technology system” to allow for the utilization of ‘as a Service’ or the more common terminology, ‘cloud’ offerings, to be specifically included within the definition of “information technology system”.

All Funds Capital Information Technology Projects Listing

2016-2018

| Cabinet | Agency | Project Title | Budget | Fund Source | High Value |
|-----------------------|------------------------------|---|----------------------|-------------|------------|
| CHFS | GAPS | Child Support System (KASES III) | 55,250,000 | GF/FF/RF | HV |
| CHFS | GAPS | DAIL System Modernization | 700,000 | GF | |
| CHFS | Public Health | Budget, Accounting & Reporting System | 3,600,000 | GF/RF | HV |
| CHFS | Public Health | Vital Statistics Phase I Digitized System | 4,950,000 | GF | HV |
| CHFS | Public Health | DPH Vital Statistics Phase II Scan & Image | 7,100,000 | GF | HV |
| CPE | Council on Postsecondary Ed. | Commonwealth College (HB265) Technology | 4,000,000 | GF | |
| CPE | Council on Postsecondary Ed. | KY Regional Optical Network Enhancement | 1,000,000 | GF | |
| CPE | Council on Postsecondary Ed. | KY Virtual Library Infrastructure Rebuild | 8,500,000 | GF | |
| Energy & Environ | Environmental Protection | Mobile Inspection Data Collection | 924,000 | GF | |
| Energy & Environ | Environmental Protection | Online Permitting/Submittals (eForms) | 918,000 | GF | |
| Energy & Environ | Environmental Protection | Public Information Review Portal | 824,000 | GF | HV |
| Ed/Workforce | Department of Education | Next Generation SEEK | 1,760,000 | RF | HV |
| Ed/Workforce | General Admin & Support | Enterprise Case Management System | 30,000,000 | GF | |
| Ed/Workforce | KY Educational Television | KET Digital Infrastructure Maintenance Pool | 1,000,000 | GF | HV |
| Finance | Commonwealth Office of Tech | Enterprise Document Management | 19,104,000 | RF | HV |
| Finance | Commonwealth Office of Tech | Enterprise Infrastructure | 6,000,000 | RF | HV |
| Finance | KY Lottery Corp | ERP Upgrade | 600,000 | PRIV | HV |
| Finance | KY Lottery Corp | Replace Salesforce Mgmt Solution | 700,000 | PRIV | HV |
| Finance | Revenue | Account Number Length Increase | 2,000,000 | GF | |
| Finance | Revenue | Aerial Photography Imagery | 3,800,000 | GF | |
| Finance | Revenue | Electronic Commerce | 5,200,000 | GF | HV |
| Finance | Revenue | Property Tax Systems Upgrade | 8,600,000 | GF | |
| Finance | Revenue | Registration Case Mgmt Upgrade | 600,000 | GF | |
| Finance | Revenue | Revenue OneStop Data Integration | 2,000,000 | GF | |
| Finance | Revenue | Tax Discovery System | 2,300,000 | GF | |
| Finance | Revenue | Tax Systems Updates | 6,000,000 | GF | |
| Finance | Office of the Secretary | KY Business One Stop Phase III | 12,000,000 | GF | HV |
| Gen Gov't | Registry of Election Finance | KREF System Modernization | 1,836,000 | GF | HV |
| Justice | Dept. of Corrections | Upgrade KY Offender Mgmt. System | 1,330,000 | GF | |
| Justice | Ky State Police | Computerized Criminal History Project | 670,000 | GF | |
| Justice | Ky State Police | Info Sys Infrastructure Upgrade | 3,000,000 | GF | |
| Justice | Ky State Police | Kentucky Interoperability Plan | 2,000,000 | GF | |
| Justice | Ky State Police | KYOPS Enhancement | 2,000,000 | GF | |
| Justice | Ky State Police | Replace/Upgrade Exist. AFIS Phase II | 2,600,000 | GF | |
| Justice | Ky State Police | Vehicle/Mobile Radio Replacement | 2,550,000 | GF | HV |
| Tourism,Arts&Heritage | Center for the Arts | Technology Upgrades | 900,000 | GF | |
| Tourism,Arts&Heritage | KY Heritage Council | KHC Records Digitization | 1,000,000 | GF | HV |
| Tourism,Arts&Heritage | Parks | Cable Infrastructure Plan & Implementation | 6,000,000 | GF | HV |
| Transportation | Secretary's Office | TED (Transp. Enterprise Database) II | 3,000,000 | ROAD | HV |
| Transportation | Secretary's Office | Upgrade AASHTOware | 2,900,000 | ROAD | HV |
| Transportation | Vehicle Registration | International Registration Plan (IRP) | 2,500,000 | ROAD | |
| Transportation | Vehicle Registration | Real ID Driver's License Program | 5,000,000 | ROAD | HV |
| Total | | | \$226,716,000 | | |

General Fund High Value Information Technology Projects

2016-2018

| Cabinet | Agency | Project Title | Budget | Fund Source | High Value |
|-----------------------|------------------------------|---|-------------------|-------------|------------|
| Finance | Office of the Secretary | KY Business One Stop Phase III | 12,000,000 | GF | |
| CHFS | GAPS | Child Support System (KASES III) | 16,285,000 | GF/FF* | |
| Gen Gov't | Registry of Election Finance | KREF System Modernization | 1,836,000 | GF | |
| Energy & Environ | Environmental Protection | Public Information Review Portal | 824,000 | GF | |
| Tourism,Arts&Heritage | Parks | Cable Infrastructure Plan & Implementation | 6,000,000 | GF | |
| CHFS | Public Health | DPH Budget, Accounting & Reporting System | 3,500,000 | GF/RF* | |
| Justice | Department of State Police | Vehicle/Mobile Radio Replacement | 2,550,000 | GF | |
| Ed/Workforce | KY Educational Television | KET Digital Infrastructure Maintenance Pool | 1,000,000 | GF | |
| CHFS | Public Health | DPH Vital Statistics Phase I Digitized System | 4,950,000 | GF | |
| CHFS | Public Health | DPH Vital Statistics Phase II Scan & Image | 7,100,000 | GF | |
| Finance | Revenue | Electronic Commerce | 5,200,000 | GF | |
| Tourism,Arts&Heritage | KY Heritage Council | KHC Records Digitization | 1,000,000 | GF | |
| Total | | | 62,245,000 | | |

* Budget amount represents only the General Fund commitment of the total project amount

Chief Information Officer: Additional Priorities

2016-2018

| Cabinet | Agency | Project Title | Budget | Fund Source | High Value |
|-----------|------------------------|-----------------------------------|---------------------|-------------|------------|
| Education | General Administration | Enterprise Case Management System | 30,000,000 | GF | |
| Justice | Corrections | Upgrade KY Offender Mgmt System | 1,330,000 | GF | |
| CHFS | GAPS | DAIL System Modernization | <u>700,000</u> | GF | |
| | | Total | \$32,030,000 | | |

COT Information Technology Capital Project Review Process

Purpose

To define and apply an objective, disciplined, and justifiable methodology for reviewing and determining the value of information technology capital projects to the Commonwealth.

Scope

Executive Branch cabinet and agency information technology capital projects planned for the 2016-2018 biennium.

2015 Critical Dates (estimated)

- JAN 5 Sign-off on criteria and process by Commonwealth's Chief Information Officer
- JAN 20 Present criteria and process to the Technology Advisory Council (TAC)
- JAN 20 Provide criteria and process to the Capital Planning Advisory Board staff
- JAN 21 Criteria and process available on Technology.ky.gov website
- APR 15 All Capital Projects required to be submitted
- JUN 1-5 Agency review meetings
- JUL 1 CIO transmits final capital report to the Capital Planning Advisory Board staff
- JUL 14 CIO presents final capital report to Capital Planning Advisory Board

Approach

1. COT will work with CPAB, OSBD and Technology Advisory Council (TAC) to define capital project review criteria, methodology and timeline
2. Agencies will submit Capital IT Projects within the CPAB system assuring inclusion of TCO & Business Case components
3. Agencies will present an overview of their 2016 - 2018 capital plan and projects, addressing the criteria components, with discussion and Q&A to follow. A panel will evaluate and score each capital project.
4. NOTE: Criteria determined to be "N/A" for a specific project by the panel will result in an appropriate decrease in the scoring weight
5. COT Office of Enterprise Technology will rank projects based upon panel scoring and draft the Capital Projects Findings and Summary Report
6. The CIO will make final priority determination
7. COT will transmit the final capital report to the Capital Planning Advisory Board.
8. The State CIO or designee will present the final capital report with recommendations to the Capital Planning Advisory Board.

Capital Project Review Criteria

Each proposed information technology capital project will be evaluated against two sets of criteria: Business Value and Risk Factors. Project ranking will be assessed against each component on a scale of 0 to 5, with each assigned ranking being explicitly defined. An objective score will be derived based upon an evaluation of the project as submitted to the Capital Planning Advisory Board, and upon a presentation and interactive discussion conducted with each agency's information technology officer.

Business Value

Business Case

Has a business case been prepared and submitted to include such items as Business Need/Benefits, High-level Requirements and/or Features, Expected Risks, Critical Success Factors, Assumptions, Return on Investment (quantitative or qualitative), and Mean Time to Pay Back? Does the business case show a large and rapid justification for the investment?

Efficiency

Does the project outline demonstrable and quantifiable savings, revenue generation, or cost avoidance? Does the project provide additional transparency or accountability? Are efficiency gains SMART (Specific, Measurable, Achievable, Realistic and Relevant, Time-limited)?

Executive Sponsorship

How important is the technology project considered among the entire cabinet's capital project priorities?

Service Improvement

Does the proposed project automate existing processes, or are processes being redefined prior to automation? Does the proposed project provide new online services to citizens or business? Does the proposed project support or directly enable the success of other project(s) either within the agency or across agencies?

Improved Quality of Life for Citizens

Will the project directly affect an improved quality of life for a percentage of Kentucky citizens through improved public health, education, safety, infrastructure, environmental issues, economic development or similar enterprise initiatives?

Risk Factors

Change in Total Cost of Ownership

What is the change in TCO of the project (includes new project hardware, software, state staffing, vendors/contractors, support and maintenance, etc. for the life of the initiative versus cost comparison of existing operation (manual or current system costs))?

Data Classification

Will the system contain personally identifiable data (PID) defined as ‘sensitive’ within Enterprise Architectural Standards subdomain 4080 <http://technology.ky.gov/Governance/Pages/KITS.aspx>. If so, how will this information be safeguarded within the system to deter identity theft?

Solution Definition

What is the anticipated level of effort to customize, develop, invent, or create the proposed solution? Is a solution available “off the shelf” that can meet a high percentage of the required functionality with minimal customization?

Implementation Timeline

How quickly will the project be implemented, and how quickly will the Commonwealth see a Return on Investment? Will the implementation be all at once (‘big bang’) or will the functionality be implemented in multiple, smaller phases or deliverables?

Level of Complexity

What is the level of effort and technical complexity required to make the project successful? Is the expertise to implement fully in-house or will contract staff be needed for some period of time? Are there skill sets currently available in-house to be used to manage the Vendor(s) that provide the solution? Has the Agency undergone a major system implementation in the last five (5) years? What business process re-engineering and change management efforts will be implemented as part of the project?

Legacy System

Will the project replace an existing system that is antiquated (based on outdated technology) or difficult to maintain/update because development resources are not available or difficult to find in the marketplace? Cumulative ‘System Life Cycle Assessment’ score of Risk Modernization Assessment will determine overall scoring (For calculation purposes, systems that score a 4 or 5 in this category will be calculated without consideration of the Change in Total Cost of Ownership. Systems submitted that are not a legacy replacement will be calculated without this weight factor.)

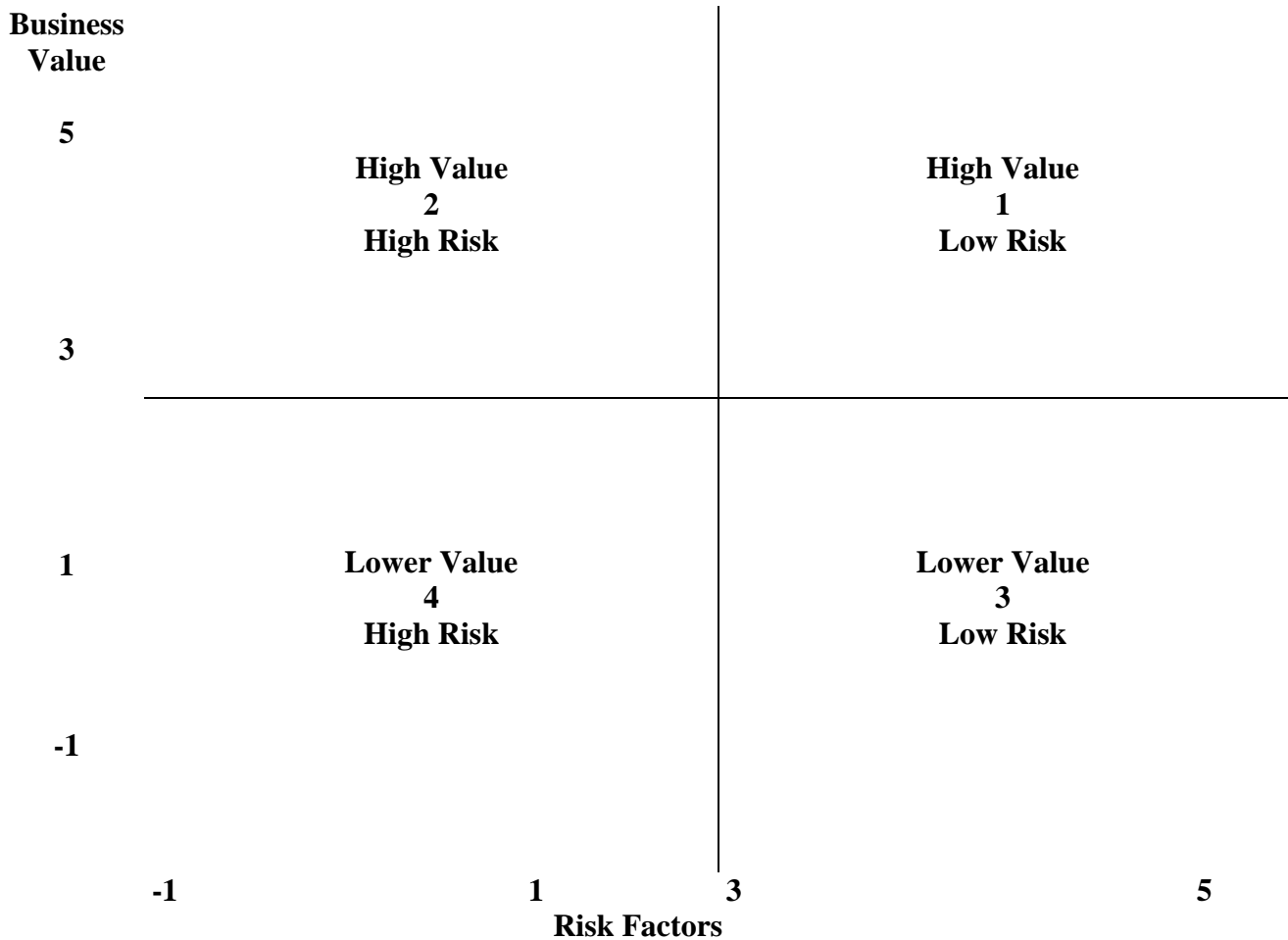
***Information Technology Capital Project Review Process
Commonwealth Office of Technology***

| Business Value | Wt | 0 | 1 | 3 | 5 | Max Score |
|---|-----------|---|--|--|--|------------------|
| Business Case & Justification | 6 | None Provided | Minimal Information or Justification | Some level of detail but not clear or logical | Detailed, complete explanations with TCO, ROI, etc | 30 |
| Efficiency Includes Cost Savings or Avoidance, Revenue, or Accountability | 6 | None identified | Negligible or minimal opportunity | Significant opportunity expected; not quantified | Quantified, significant opportunity | 30 |
| Executive Sponsorship | 6 | Bottom 10% organization priority | Lower 50% organization priority | Upper 50% organization priority | Top 10% organization priority | 30 |
| Service Improvement | 6 | Update to existing system with no Business Process Reengineering Analysis | Update to existing system through some Business Process Reengineering Analysis | Replace existing processes through Business Process Reengineering Analysis | Automate existing manual processes including BPR analysis and/or offer new online service(s) for citizen | 30 |
| Improved Quality of Life for Citizens | 6 | Does not relate | Indirectly Supports | Directly affects a small % of KY citizens | Directly affects a large % of KY citizens | 30 |
| Scoring Weight | 30 | | | | Subtotal | 150 |

| Risk Factors | Wt | 0 | 1 | 3 | 5 | Max Score |
|--|-----------|--|---|---|--|------------------|
| Change in Total Cost of Ownership (from Business Case) | 5 | >200M | 100M to 150M | 25M to 50M | < 15M | 25 |
| System will Contain Data Classified as 'Sensitive' within EAS 4080 | 5 | No determination of data content | No Explanation of how PID will be safeguarded | Partial Explanation of how PID will be safeguarded | Detailed Explanation of how PID will be safeguarded or no PID | 25 |
| Solution Definition | 5 | Solution must be developed 'from scratch' or customized >50% | Solution must be customized >25% to < 50% | Solution must be customized (10% to < 25% | Solution is readily available with minor customization expected (<10%) | 25 |
| Implementation Timeline | 5 | Phases > 2 years or 'Big Bang' | Phases > 1 year but < 2 years | Phases < 1 year but > 6 months | Phases < 6 months | 25 |
| Level of Complexity | 5 | Extremely Difficult | Difficult | High | Medium to Low | 25 |
| Legacy System Replacement | 5 | Score of "Phase 1" on Risk Modernization Assessment | Score of "Phase 2" on Risk Modernization Assessment | Score of "Phase 3" on Risk Modernization Assessment | Score of "Phase 4" on Risk Modernization Assessment | 25 |
| Scoring Weight | 30 | | | | Subtotal | 150 |

Project Value Ranking

Project value ranking will be determined by relating the Business Value with the Manageability of the proposed project. The total score in each category is divided by the total weighting (30) to derive axis placement.



Appendix C

Report Of The Council On Postsecondary Education

As has been its practice in the past, the Capital Planning Advisory Board requested the assistance of outside expertise in reviewing projects submitted in the 2016-2018 capital plans of the postsecondary institutions.

The Council on Postsecondary Education provided input in the development of the 2016-2022 Statewide Capital Improvements Plan by identifying and reviewing projects to be financed with General Fund appropriations. The Council also reviewed and reported on the information technology projects submitted by the postsecondary institutions.

The report from the Council on Postsecondary Education follows.



Kentucky Council on Postsecondary Education

Steven L. Beshear
Governor

1024 Capital Center Drive, Suite 320
Frankfort, Kentucky 40601
Phone: 502-573-1555
Fax: 502-573-1535
<http://www.cpe.ky.gov>

Robert L. King
President

August 7, 2015

The Honorable Terry Mills
The Honorable Stan Humphries
Co-Chairs
Capital Planning Advisory Board
Capitol Annex, Room 34
Frankfort, Kentucky 40601

Dear Representative Mills and Senator Humphries:

As requested, the Council on Postsecondary Education is providing input to guide development of the 2016-2022 Statewide Capital Improvements Plan. The Board requested that the Council review and identify postsecondary projects to be financed with General Fund appropriations that represent the highest priority needs of the system. A summary of these projects is attached, as well as, lists identifying each university's top five asset preservation and renovation projects (top 10 for KCTCS) and each university's top two new and expanded space projects (top four for KCTCS).

The Council's approach for requesting capital projects has evolved over time to provide institutions more flexibility to address their space needs. The current model uses a multi-biennia, blended approach to address asset preservation and new construction needs simultaneously in each biennium. The approach is consistent with the primary recommendation of the 2007 *Statewide Facilities Assessment & Space Adequacy Study* conducted by VFA, Inc., and Paulien & Associates. The Capital Planning Advisory Board endorsed this multi-biennia approach in 2011 and 2013, and we strongly encourage the Board to continue that endorsement.

As has been the case the past two biennia, the 2016-18 capital budget development process has focused on long-term capital funding, upgrading existing space to modern standards, and using a data driven funding distribution model, while maintaining oversight and accountability. Using this approach, we present unranked projects in three categories: 1) asset preservation and renovation; 2) new and expanded Education and General and research space; and 3) information technology initiatives. Each project in the first and second categories meets the criteria listed below.

- Directly supports HB 1 goals, the 2011-15 Strategic Agenda, and statewide economic development goals.
- Supports the institution's Council-approved mission.
- Provides for the completion of projects authorized in a prior biennium, which, if not funded, may compromise the viability of the facility's intended use.
- Addresses the need for space as indicated by space utilization standards and the space needs model.
- Addresses explicit needs to retool, remodel, or replace existing space.
- Significantly reduces the capital renewal and maintenance burden of the institution.

The Honorable Terry Mills
The Honorable Stan Humphries
Page 2
August 7, 2015

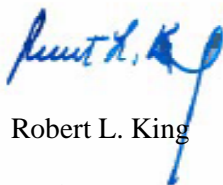
Projects in the third category, information technology initiatives, were evaluated using the same business value and risk assessment approach as used by the Commonwealth Office of Technology (COT) to evaluate state agency projects. Projects determined to have both high business value and low risk were classified as either “high value”, or “very high value”. Of the 21 total projects submitted, 10 were classified as high value projects and seven were designated as very high value.

The attached list of postsecondary projects is for planning purposes only and is subject to change as my staff and I continue to develop the 2016-18 capital budget recommendation, which will be presented for Council approval November 13. Given that the General Assembly appropriated \$608 million for capital projects in 2014-16, we anticipate that the Council will continue to support the approach used in 2014-16 and will recommend \$1.2 billion for capital over the next two biennia (i.e., \$600 million in 2016-18 and \$600 million in 2018-20). We also expect the recommendation to allocate about half of any new capital funds for asset preservation and about half for new and expanded space.

Several years ago, at the urging of the Capital Planning Advisory Board, the General Assembly raised the threshold for capital projects requiring legislative authorization to \$600,000, and it raised the threshold for capital leases to \$200,000. At this time, CPE staff would like to formally request that the Capital Planning Advisory Board endorse higher thresholds for capital projects and leases than those currently in place.

We look forward to discussing these matters with you at the August 19 CPAB meeting. If you have any questions in the meantime, please contact Bill Payne or Shaun McKiernan, on my staff, at (502) 573-1555.

Sincerely,

A handwritten signature in blue ink, appearing to read "Robert L. King". The signature is stylized and includes a long, sweeping flourish that extends downwards and to the right.

Robert L. King

Enclosures

Council on Postsecondary Education
2016-18 Statewide Capital Plan Priorities (from the 2014-2020 Capital Plan)
General Fund Projects

As part of its 2014-16 biennial budget request, the Council on Postsecondary Education recommended that the Governor and General Assembly appropriate \$600 million for capital projects (not including information technology projects) at Kentucky's public colleges and universities. This request was characterized as the "first installment" of a larger, three-biennia (six year) \$1.8 billion capital budget plan that would use a new pooled approach for allocating capital funding among institutions.

Rather than requesting funds for individual capital projects, as had previously been the case, the plan called for the Council to recommend a pool of funding for each institution using an agreed upon formula that took into account various factors, including differences in deferred maintenance needs, FTE student enrollment, extramural research expenditures, and total public funds across campuses. This approach was adopted to achieve a more equitable distribution of capital funds among institutions, rather than a request based on highest priority projects at each institution, and to provide institutions greater flexibility to address multiple, smaller, but potentially more critical, capital projects.

The new approach also placed greater emphasis on asset preservation and renovation, than previous requests, which were more heavily skewed toward new construction. This was accomplished by using separate, but nearly equal in size, pools for asset preservation and new construction, which established a specified asset preservation spending level for each institution. Individual projects would still be approved by the Council and authorized by the General Assembly, but institutions would have flexibility to choose which projects would be funded from their respective asset preservation and new construction pools.

In 2014-16, the Council's capital request contained a \$318 million pool of funds to support asset preservation and a \$282 million pool to support new construction (for a total of \$600 million), as well as, a \$60 million information technology pool. While the 2014-16 Budget of the Commonwealth (HB 235) did not fund the allocation pools, it (along with HB 298 in the 2015 session) did provide \$607.9 million in capital projects for the postsecondary institutions, with 39% (\$240.1 million) of that total going to asset preservation and renovation projects and 61% (\$367.8 million) going to new and expanded space projects.

For 2016-18, CPE staff will likely request \$600 million (not including information technology projects) for capital construction, or the "second installment" of the \$1.8 billion, multi-biennia capital plan described above. We anticipate that the ratio of asset preservation to new construction will be similar to the ratio that was recommended for the current biennium, or 48% and 52%, respectively. CPE staff intends to use the pooled approach for allocating capital funds, so institutions will have flexibility to fund any projects contained on their respective lists, including their highest priority project or multiple smaller, but critical campus projects. For this reason, the total cost of listed projects necessarily exceeds the amount of requested funds.

It is possible that project priorities at the institutions could change before the Council takes action on the proposed capital budget on November 13. If that occurs, CPE staff will bring those changes to the Council's attention.

Projects in the attachments are presented by institution in each institution's priority ranking order.

CPE Preliminary Proposed 2016-18 General Fund Pools and Eligible Projects

| System Priority/Project Category | Model Estimate GF Pool | % of total | Proposed Projects - GF | | % of total |
|--|---------------------------|---------------|---------------------------|-----------------------|---------------|
| 1 Asset Preservation & Renovation (Attachment 2) | \$288,000,000 | 48% | \$ 759,246,000 | <- top 5 projects* | 56% |
| 2 New/Expansion & Research (Attachment 3) | <u>312,000,000</u> | 52% | <u>600,697,000</u> | <- top 2 projects* | 44% |
| Subtotal | \$600,000,000 | | \$1,359,943,000 | | |
| 3 Information Technology Projects (Attachment 4) | <u>\$ 60,000,000</u> | | <u>\$ 106,656,000</u> | <- submitted projects | |
| Total | \$660,000,000 | | \$1,466,599,000 | | |

Proposed Projects by Institution (Attachments 2-4)

| | Asset Preservation <u>Top 5 Projects*</u> | New/Expanded <u>Top 2 Projects*</u> | IT Submitted <u>Projects</u> | All Categories <u>Gen. Fund Total</u> | % of <u>total</u> |
|---|---|--|---------------------------------|--|----------------------|
| Eastern Kentucky University | \$ 61,337,000 | \$ 87,455,000 | \$ 21,162,000 | \$ 169,954,000 | 12% |
| Kentucky Community & Technical College System | 135,800,000 | 153,000,000 | 12,000,000 | 300,800,000 | 21% |
| Kentucky State University | 5,352,000 | 16,656,000 | 36,030,000 | 58,038,000 | 4% |
| Morehead State University | 54,020,000 | 74,311,000 | 17,183,000 | 145,514,000 | 10% |
| Murray State University | 59,694,000 | 4,345,000 | 7,281,000 | 71,320,000 | 5% |
| Northern Kentucky University | 109,000,000 | 85,000,000 | | 194,000,000 | 13% |
| University of Kentucky (no projects in plan) | 125,000,000 | | | 125,000,000 | 9% |
| University of Louisville | 84,743,000 | 71,730,000 | 7,000,000 | 163,473,000 | 11% |
| Western Kentucky University | <u>124,300,000</u> | <u>108,200,000</u> | <u>6,000,000</u> | <u>238,500,000</u> | 16% |
| | \$759,246,000 | \$600,697,000 | \$ 106,656,000 | \$1,466,599,000 | 100% |
| Model estimated allocations | \$288,000,000 | \$312,000,000 | \$ 60,000,000 | \$ 660,000,000 | |

*For KCTCS, the highest 10 asset preservation projects and highest four new/expended projects are included. The highest five asset preservation and highest two new/expended projects are included for the universities. If a university has fewer than five asset preservation projects or fewer than two new/expansion projects, all projects are included in that category.

2016-2022 Capital Plan - 2016-18 Top GF Asset Preservation Projects (maximum # of projects: 5 for universities, 10 KCTCS)

CPE Model estimate for asset preservation projects is \$288,000,000

| | PRIORITY | PROJECT | GENERAL FUND | OTHER | TOTAL |
|--------------|--------------|--|--------------------|--------------------|--------------------|
| EKU | 2 | Renovate Moore Building | 30,000,000 | - | 30,000,000 |
| | 4 | Renovate Whalen Complex | 20,837,000 | 2,000,000 | 22,837,000 |
| | 6 | Renovate and Upgrade Heat Plant | 5,500,000 | - | 5,500,000 |
| | 7 | Renovate HVAC Systems | 5,000,000 | 5,000,000 | 10,000,000 |
| | | Total | 61,337,000 | 7,000,000 | 68,337,000 |
| KCTCS | 6 | Renovate Southeastern Campus - Owensboro CTC | 3,000,000 | - | 3,000,000 |
| | 7 | Renovate Main Bldg, Phase II, Ashland CTC | 36,500,000 | - | 36,500,000 |
| | 11 | Renov Downtown Camp, Ph II, Jefferson CTC | 42,900,000 | - | 42,900,000 |
| | 12 | Renovate Downtown Campus - Owensboro CTC | 3,000,000 | - | 3,000,000 |
| | 13 | Renovate Administration Building - Maysville CTC | 11,800,000 | - | 11,800,000 |
| | 14 | Renov LRC Bldg, Hopkinsville CC | 4,900,000 | - | 4,900,000 |
| | 16 | Renovate Sullivan Tech Ctr. Henderson CC | 4,900,000 | - | 4,900,000 |
| | 17 | Renov. 300 Occup Tech Bldg. Elizabethtown CTC | 12,600,000 | - | 12,600,000 |
| | 18 | Renovate Main Campus Bldgs.-Southcentral KY CTC | 10,600,000 | - | 10,600,000 |
| | 20 | Renov Roberts Drive North Campus, Ashland CTC | 5,600,000 | - | 5,600,000 |
| | Total | 135,800,000 | - | 135,800,000 | |
| KSU | 2 | Roof Repair & Replacement Pool 2016 | 2,860,000 | - | 2,860,000 |
| | 3 | Capital Renewal & Maintenance Projects Pool 2016 | 1,302,000 | - | 1,302,000 |
| | 4 | Life Safety Upgrade Pool 2016 | 1,190,000 | - | 1,190,000 |
| | | Total | 5,352,000 | - | 5,352,000 |
| MoSU | 2 | Renovate Combs Classroom Building | 45,050,000 | - | 45,050,000 |
| | 4 | Reconstruct Central Campus | 3,000,000 | - | 3,000,000 |
| | 5 | Water Plant Sediment Basin | 1,500,000 | - | 1,500,000 |
| | 6 | Upgrade Campus Fire & Security Systems | 2,670,000 | - | 2,670,000 |
| | 9 | Replace Electrical Switchgear B | 1,800,000 | - | 1,800,000 |
| | | Total | 54,020,000 | - | 54,020,000 |
| MuSU | 1 | Upgrade Campus Electrical Distribution System | 16,494,000 | - | 16,494,000 |
| | 2 | Replace Campus Steam Distribution System | 7,549,000 | - | 7,549,000 |
| | 3 | Upgrade Bldg Sys Capital Renewal:Pool <\$600,000 | 6,616,000 | - | 6,616,000 |
| | 4 | Renovate Pogue Library | 11,435,000 | - | 11,435,000 |
| | 5 | Renovate & Restore Lovett Auditorium | 17,600,000 | - | 17,600,000 |
| | | Total | 59,694,000 | - | 59,694,000 |
| NKU | 2 | Renew/Renovate Fine Arts Center Phase II | 66,000,000 | - | 66,000,000 |
| | 3 | Renovate Civic Center Building | 4,600,000 | - | 4,600,000 |
| | 4 | Repair Structural Heaving Landrum/FineArts | 7,000,000 | - | 7,000,000 |
| | 5 | Construct Chiller Plant | 19,400,000 | - | 19,400,000 |
| | 6 | Renovate Albright Health Center/Wellness | 12,000,000 | - | 12,000,000 |
| | | Total | 109,000,000 | - | 109,000,000 |
| UK | 1 | Facilities Renewal and Modernization | 125,000,000 | 125,000,000 | 250,000,000 |
| | | Total | 125,000,000 | 125,000,000 | 250,000,000 |
| UofL | 2 | Renovate - Natural Science Building | 29,843,000 | - | 29,843,000 |
| | 3 | Renovate - Capital Renewal Pool (2016-2018) | 35,000,000 | - | 35,000,000 |
| | 4 | Renovate - Kornhauser Library | 19,900,000 | - | 19,900,000 |
| | | Total | 84,743,000 | - | 84,743,000 |
| WKU | 2 | Replace Underground Infrastructure - Steam/Elec | 30,000,000 | - | 30,000,000 |
| | 4 | Renovate Gordon Wilson Hall | 4,000,000 | - | 4,000,000 |
| | 6 | Capital Renewal Pool 2016-2018 | 10,000,000 | - | 10,000,000 |
| | 8 | Renovate Helm/Cravens Library | 41,800,000 | - | 41,800,000 |
| | 9 | Renovate Ivan Wilson Center Ph II | 38,500,000 | - | 38,500,000 |
| | | Total | 124,300,000 | - | 124,300,000 |

SYSTEM SUMMARY - Asset Preservation

| # projects | Top Projects (max. of 5 for universities, 10 for KCTCS) | General Fund | Other | Total | |
|------------|---|---------------|---------------|---------------|------|
| 3 | Eastern Kentucky University | \$61,337,000 | \$7,000,000 | \$68,337,000 | 8% |
| 10 | Kentucky Community and Technical College System | 135,800,000 | - | 135,800,000 | 15% |
| 3 | Kentucky State University | 5,352,000 | - | 5,352,000 | 1% |
| 5 | Morehead State University | 54,020,000 | - | 54,020,000 | 6% |
| 5 | Murray State University | 59,694,000 | - | 59,694,000 | 7% |
| 5 | Northern Kentucky University | 109,000,000 | - | 109,000,000 | 12% |
| 1 | University of Kentucky | 125,000,000 | 125,000,000 | 250,000,000 | 28% |
| 3 | University of Louisville | 84,743,000 | - | 84,743,000 | 10% |
| 5 | Western Kentucky University | 124,300,000 | - | 124,300,000 | 14% |
| 40 | Total | \$759,246,000 | \$132,000,000 | \$891,246,000 | 100% |

Attachment 3 - New/Expansion

2016-2022 Capital Plan - 2016-18 Top GF New/Expansion Projects (maximum # of projects: 2 for universities, 4 KCTCS)

CPE Model estimate for new/expansion projects is \$312,000,000

| | PRIORITY | PROJECT | GENERAL FUND | OTHER | TOTAL |
|--------------|--------------|--|--------------------|--------------------|--------------------|
| EKU | 1 | Construct College of Education Complex | 83,455,000 | - | 83,455,000 |
| | 3 | Construct Aviation Instruction Facility | 4,000,000 | - | 4,000,000 |
| | | Total | 87,455,000 | - | 87,455,000 |
| KCTCS | 1 | Expans of Pikeville Campus Big Sandy CTC (Add'l) | 28,000,000 | - | 28,000,000 |
| | 2 | Const Comm Interger Ctr (Add'l), Lees Hazard CTC | 8,700,000 | - | 8,700,000 |
| | 3 | Const Arts & Hum Bldg Somerset CC North (Add'l) | 25,300,000 | - | 25,300,000 |
| | 4 | Const Newtown Campus, Phase II, Bluegrass CTC | 91,000,000 | - | 91,000,000 |
| | Total | 153,000,000 | - | 153,000,000 | |
| KSU | 1 | School of Nursing | 13,014,000 | - | 13,014,000 |
| | 9 | Construct Warehouse 2016 | 3,642,000 | - | 3,642,000 |
| | | Total | 16,656,000 | - | 16,656,000 |
| MoSU | 1 | Construct Ctr for Excellence in Ed for Perf. Art | 60,502,000 | 5,000,000 | 65,502,000 |
| | 3 | Construct Vet Tech Clinical Sciences Center | 13,809,000 | - | 13,809,000 |
| | | Total | 74,311,000 | 5,000,000 | 79,311,000 |
| MuSU | 22 | Construct Open-Sided Stall Barn at Expo Center | 1,521,000 | 5,000,000 | 6,521,000 |
| | 23 | Construct Livestock Instructional Laboratory | 2,824,000 | - | 2,824,000 |
| | | Total | 4,345,000 | 5,000,000 | 9,345,000 |
| NKU | 1 | Expand Herrmann Science Center | 85,000,000 | - | 85,000,000 |
| | | Total | 85,000,000 | - | 85,000,000 |
| UK | NA | No New/Expanded Projects identified | - | - | - |
| UofL | 1 | Construct - Instructional Building at HSC | 71,730,000 | - | 71,730,000 |
| | | Total | 71,730,000 | - | 71,730,000 |
| WKU | 1 | Construct New Gordon Ford College of Business | 97,200,000 | - | 97,200,000 |
| | 3 | Construct South Reg Postsec Ed Center - Phase II | 11,000,000 | - | 11,000,000 |
| | | Total | 108,200,000 | - | 108,200,000 |

SYSTEM SUMMARY - New/Expansion

| # of projects | Top Projects (max. of 2 for universities, 4 for KCTCS) | General Fund | Other | Total | |
|---------------|--|---------------|--------------|---------------|------|
| 2 | Eastern Kentucky University | \$87,455,000 | \$ - | \$87,455,000 | 14% |
| 4 | Ky Community and Technical College System | 153,000,000 | - | 153,000,000 | 25% |
| 2 | Kentucky State University | 16,656,000 | - | 16,656,000 | 3% |
| 2 | Morehead State University | 74,311,000 | 5,000,000 | 79,311,000 | 13% |
| 2 | Murray State University | 4,345,000 | 5,000,000 | 9,345,000 | 2% |
| 1 | Northern Kentucky University | 85,000,000 | - | 85,000,000 | 14% |
| 0 | University of Kentucky | - | - | - | 0% |
| 1 | University of Louisville | 71,730,000 | - | 71,730,000 | 12% |
| 2 | Western Kentucky University | 108,200,000 | - | 108,200,000 | 18% |
| 16 | Total | \$600,697,000 | \$10,000,000 | \$610,697,000 | 100% |

2016-2022 Capital Plan - 2016-18 Information Technology Projects

CPE Model estimate for information technology projects is \$60,000,000

| Evaluation | Institution | Project | General Fund |
|------------|-------------|--|----------------------|
| VHV | EKU | Expand, Upgrade Campus Data Network | \$11,212,000 |
| HV | EKU | Upgrade Academic Computing | 3,000,000 |
| VHV | EKU | Purchase Networked Education System Component | 6,950,000 |
| HV | KCTCS | KCTCS Information Tech Infrastructure Upgrade | 12,000,000 |
| VHV | KSU | Upgrade Information Tech Infrastructure 2016 | 10,000,000 |
| | KSU | Expand Emergency Notification System | 4,580,000 |
| VHV | KSU | Upgrade Computers Campus Wide 2016 | 2,500,000 |
| | KSU | Improvements to Instructional Technology | 2,500,000 |
| | KSU | Enhance the Enterprise Resource Planning System | 5,000,000 |
| VHV | KSU | Integrated Digital Campus | 11,450,000 |
| HV | MoSU | Enhance Network/Infrastructure Resources - Add'l | 3,000,000 |
| VHV | MoSU | Upgrade and Expand Distance Learning | 1,700,000 |
| HV | MoSU | Enhance Library Automation Resources | 1,539,000 |
| HV | MoSU | Upgrade Administrative Office System | 4,864,000 |
| HV | MoSU | Upgrade Instruct. PCs/LANS/Peripherals | 6,080,000 |
| HV | MuSU | Upgrade Campus Network | 3,162,000 |
| HV | MuSU | Upgrade Campus Phone System | 1,781,000 |
| | MuSU | ITV Upgrades to Murray State University System | 1,547,000 |
| HV | MuSU | Information Tech Infrastructure for TSM & IET | 791,000 |
| | NKU | No General Fund IT projects submitted | - |
| | UK | No General Fund IT projects submitted | - |
| HV | UofL | Purchase - Research Computing Infrastructure | 7,000,000 |
| VHV | WKU | Upgrade IT Infrastructure | 6,000,000 |
| | | | <u>\$106,656,000</u> |

Note: HV and VHV indicate High Value and Very High Value projects

SYSTEM SUMMARY - Information Technology

| # of projects | Totals by CPE Ranking | General Fund | |
|---------------|---|-------------------|------|
| 7 | Very High Value Project Total | \$49,812,000 | |
| 10 | High Value Project Total (does not include SHV) | <u>43,217,000</u> | |
| 17 | Subtotal Higher Value Projects | 93,029,000 | |
| 4 | Other Projects | <u>13,627,000</u> | |
| 21 | Total | \$106,656,000 | |
| # of projects | Totals by Institution | General Fund | |
| 3 | Eastern Kentucky University | \$21,162,000 | 20% |
| 1 | Kentucky Community and Technical College System | 12,000,000 | 11% |
| 6 | Kentucky State University | 36,030,000 | 34% |
| 5 | Morehead State University | 17,183,000 | 16% |
| 4 | Murray State University | 7,281,000 | 7% |
| 0 | Northern Kentucky University | - | 0% |
| 0 | University of Kentucky | - | 0% |
| 1 | University of Louisville | 7,000,000 | 7% |
| 1 | Western Kentucky University | <u>6,000,000</u> | 6% |
| 21 | Total | \$106,656,000 | 100% |

Council on Postsecondary Education Information Technology Capital Project Review

Purpose

To define and apply an objective, disciplined, and justifiable methodology for reviewing and determining the value of information technology capital projects from the public postsecondary institutions.

Scope

Institution information technology capital projects requesting General Funds that are planned for the 2016-2018 biennium.

Approach

1. Institutions will submit Capital IT Projects within the CPAB system.
2. The Review Team comprised of CPE Staff and outside representatives will evaluate and score capital projects for 2016-2018 that request General Fund.
3. Any questions for the institutions will be funneled through Doyle Friskney.
4. NOTE: Team members can score criteria with any whole number between the set values of 0 to 5 if they feel the project information justifies the score
5. Review Team members will consolidate scores and rank projects based upon scoring against Business Value and Risk Factor criteria

Criteria

Each proposed information technology capital project will be evaluated against two sets of criteria: Business Value and Risk Factors. Project ranking will be assessed against each component on a scale of 0 to 5, with each assigned ranking being explicitly defined. An objective score will be derived based upon an evaluation of the project as submitted to the Capital Planning Advisory Board.

Business Value

Business Case

Has a business case been prepared and submitted to include such items as Business Need/Benefits, High-level Requirements and/or Features, Expected Risks, Critical Success Factors, Assumptions, Return on Investment (quantitative or qualitative), and Mean Time to Pay Back? Does the business case show a large and rapid justification for the investment?

Efficiency

Does the project outline demonstrable and quantifiable savings, revenue generation, or cost avoidance? Does the project provide additional transparency or accountability? Are efficiency gains SMART (Specific, Measurable, Achievable, Realistic and Relevant, Time-limited)?

Executive Sponsorship

How important is the technology project considered among the entire cabinet's capital project priorities?

Service Improvement

Does the proposed project automate existing processes, or are processes being redefined prior to automation? Does the proposed project provide new online services to citizens or business? Does the proposed project support or directly enable the success of other project(s) either within the agency or across agencies?

Improved Quality of Life for Citizens

Will the project directly affect an improved quality of life for a majority of Kentucky citizens through improved public health, education, safety, infrastructure, environmental issues, economic development, or similar enterprise initiatives?

Risk Factors

Total Cost of Ownership

What is the TCO of the project (includes hardware, software, state staffing, vendors/contractors, support and maintenance for the life of the initiative, etc)?

Data Classification

Will the system contain personally identifiable data (PID) defined as ‘sensitive’ or above within Enterprise Architectural Standards subdomain 4080 <http://technology.ky.gov/Governance/Pages/KITS.aspx>. If so, how will this information be safeguarded within the system to deter identity theft?

Solution Definition

What is the anticipated level of effort to customize, develop, invent, or create the proposed solution?

Implementation Timeline

How quickly will the project be implemented, and how quickly will the Commonwealth see a Return on Investment? Will the implementation be all at once (‘big bang’) or will the functionality be implemented in multiple, smaller phases or deliverables?

Level of Complexity

What is the level of effort and technical complexity required to make the project successful? Is the expertise to implement fully in-house or will contract staff be needed for some period of time? Are there skill sets currently available in-house to be used to manage the Vendor(s) that provide the solution? Has the Agency undergone a major system implementation in the last five (5) years? What business process re-engineering and change management efforts will be implemented as part of the project?

CPE IT Project Review Criteria - July 2015

Adapted from COT's capital project review process

| Business Value | 0 | 1 | 3 | 5 |
|---|--|---|--|--|
| Business Case & Justification | None Provided | Minimal information or justification | Some detail provided but not clear/logical | Detailed, complete explanations with TCO, RIO, etc. |
| Efficiency - Cost Savings or Avoidance and/or Additional Revenue or Accountability | None Identified | Negligible or minimal opportunity | Significant opportunity expected; not quantified | Quantified, significant opportunity |
| Executive Sponsorship | Bottom 10% organization priority | Lower 50% priority | Upper 50% priority | Top 10% organization priority |
| Service Improvement | Update to existing system with no business process re-engineering analysis | Update to existing system through some business process re-engineering analysis | Replace existing system through business process re-engineering analysis | Automate existing manual processes including BPR analysis and/or offer new online service/s for citizens |
| Improved Quality of Life for Kentuckians | Does not relate | Indirectly supports | Directly affects a small percentage of Kentuckians | Directly affects a large percentage of Kentuckians |
| Risk Factors | 0 | 1 | 3 | 5 |
| Change in Total Cost of Ownership | \$200 million or more | \$100 to \$150 million | \$25 to \$50 million | Less than \$15 million |
| System will contain data classified as "Sensitive" within EAS 4080 | No determination of data content | No explanation of how PID will be safeguarded | Partial explanation of how PID will be safeguarded | Detailed explanation of how PID will be safeguarded or no PID |
| Solution Definition | Solution must be developed from scratch or customized > 50% | Solution must be customized 25-50% | Solution must be customized 10-25% | Solution is readily available with minor customization expected (10% or less) |
| Implementation Timeline | Phases > 2 years or "Big Bang" | Phases between 1 and 2 years | Phases between 6 months and 1 year | Phases less than 6 months |
| Complexity | Extremely Difficult | Difficult | High | Medium to Low |
| High Value Projects: Score of 2.5 or greater in both Business Value and Risk Factors | | | | |
| Very High Value Projects: Score of 3.0 or greater in both Business Value and Risk Factors | | | | |

Appendix D

Report On Kentucky's Bonded Indebtedness

During each biennial capital planning process, it has been the practice of the Capital Planning Advisory Board to receive a report regarding the commonwealth's debt position.

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MEMORANDUM

To: Capital Planning Advisory Board
From: Katherine L. Halloran, Committee Analyst
Capital Projects and Bond Oversight Committee
Subject: Kentucky's Bonded Indebtedness
Date: September 14, 2015

The Capital Projects and Bond Oversight Committee staff updates the following "*Kentucky's Bonded Indebtedness*" memo on a biennial basis.

State governments commonly issue notes and bonds to finance various types of public projects. Issuing debt allows the state to undertake and reap the benefits of projects earlier than if the state had to accumulate sufficient cash to fund projects outright.

However, relying on debt to fund projects also involves both real and opportunity costs. First, the state must pay interest to investors in addition to the direct costs of the project. The additional interest cost is determined by market conditions and the perceived risk that the state would not be either willing or able to make debt service payments according to the bonds' terms. Generally, investors demand higher interest rates when there appears to be a greater risk that the borrower might default on its obligations. A lower perceived risk of default, on the other hand, results in lower interest rates and lower costs for financing projects. Second, as the state's outstanding debt increases, the amount of money that policymakers must appropriate to pay debt service also increases. Along with other long-term obligations like actuarially required pension contributions and the annual use allowance payments tied to local court facility bonds, the state's outstanding debt represents a relatively inflexible commitment that competes with policymakers' programmatic priorities for funding.

This memorandum analyzes the historic, current, and projected debt position of the Commonwealth of Kentucky. It addresses three factors that influence the cost of issuing new debt: the state's debt structure, financial position, and economic stability. It also discusses the impact various financial practices have had on the state's credit profile and the evaluation of Kentucky's debt by the three primary credit rating agencies: Moody's Investors Service, Standard and Poor's (S&P), and Fitch Ratings.

PART ONE: AN OVERVIEW OF KENTUCKY'S DEBT-ISSUING AUTHORITIES

Appropriation-Supported Debt

Appropriation-supported debt is specifically authorized by the General Assembly in an appropriations bill. This debt could potentially be issued in two forms, which are distinguished by the security pledged for the repayment of the debt: (1) general obligation bonds, or (2) project revenue bonds.

General obligation bonds are backed by a state's full faith, credit, and authority to levy taxes. Kentucky is one of 11 states that do not have any outstanding general obligation debt.¹ Section 50 of the Kentucky Constitution requires that general obligation bond issues in amounts exceeding \$500,000 be approved by voter referendum. Kentucky has not issued general obligation bonds since 1966 and retired the last outstanding general obligation bonds in 1995.

Moody's and S&P both assign issuer credit ratings (ICRs) to Kentucky that are effectively what the Commonwealth's general obligation rating would be if it were to issue general obligation debt. The ratings are Aa2 with a stable outlook from Moody's and A+ with a stable outlook from S&P. Ratings definitions are provided in **Appendix C** of this memorandum.

Project revenue bonds are supported by the revenues generated by the project financed with bond proceeds. Kentucky has various authorities that issue lease appropriation supported project revenue bonds. The bonds are secured by a pledge of lease rental payments (which correspond to the debt service on the bonds). The debt service payments are made pursuant to the terms of various lease agreements, which are automatically renewed for successive budget biennia unless terminated by the cabinet or state agency.

Debt service payments are subject to biennial appropriations in the state budget. The lease agreements require the cabinet or state agency to seek sufficient legislative appropriations to pay the debt service on the bonds in each budget biennium. The General Assembly has no obligation to make appropriations for debt service payments, and the cabinets have no obligation to renew the leases associated with the bonds. In the event of non-appropriation, the lease agreements are not secured by any interest in or lien on the properties being financed. However, market participants expect the state to repay the funds it has borrowed and failure to do so would likely make investors less willing to lend the state money in the future.

While Kentucky has never defaulted on its debt, the potential for non-appropriation has been an issue in the past with respect to budget adoption. The budgets for fiscal biennium (FB) 2002-04 and FB 2004-06 were adopted late. In the absence of a budget, the Governor issued an executive order with a spending plan. The Kentucky Supreme Court in 2005 determined that the Governor's spending authority in the absence of a budget is limited to spending that is statutorily or constitutionally required; federally mandated; or previously authorized by the General

¹ Moody's Investors Service, *State Debt Medians 2015*, June 24, 2015.

Assembly as a continuing appropriation.² The opinion cited debt service as an example of a continuing appropriation.

Entities Issuing Appropriation-Supported Debt

Listed below are the entities that have the authority to issue appropriation-supported debt and the associated ratings (Moody's/S&P/Fitch). The debt of each entity is rated by the major credit rating agencies when the entity issues new bonds. The rating agencies may also decide to take a rating action (for example, upgrade or downgrade the debt/change ratings outlook) at any time.

State Property and Buildings Commission (Aa3/A/A+)

The State Property and Buildings Commission (SPBC) was established by KRS 56.450 to provide financing for capital construction projects and programs. SPBC bonds are typically supported by General Fund revenues, although there are occasional bond issues supported by Agency or Road Fund revenues (the latter bond issues are rated differently based on the revenues pledged). SPBC debt must be authorized by the General Assembly.

Moody's revised its ratings outlook on the Commonwealth's credit (negative since April 2008) to stable in June 2014. In September 2015, S&P downgraded the Commonwealth's appropriation debt from A+ to A and revised its ratings outlook from negative to stable (no further S&P downgrade imminent).

Kentucky Asset/Liability Commission (Varies)

The Kentucky Asset/Liability Commission (ALCo) was established by KRS 56.860-.869 to provide financing for capital projects and working capital needs. ALCo cannot incur debt without General Assembly authorization, with the exception of cash flow borrowings within a fiscal year. The following are examples of ALCo financings:

- Tax and Revenue Anticipation Notes (TRANs) – TRANs are issued to meet cash flow requirements in anticipation of revenues to be collected during the fiscal year.
- Project Notes – Project notes provide interim financing for projects as authorized across budget cycles. In recent years, projects have received partial permanent financing from SPBC or interim financing through a direct bank loan as they are ready to move forward.
- Grant Anticipation Revenue Vehicle Project Notes (GARVEEs) – GARVEEs are issued for highway and bridge projects. The required debt service on GARVEE bonds is paid from future federal highway receipts.
- Kentucky Teachers Retirement System (KTRS) Funding Notes – The KTRS funding notes financed the Commonwealth's obligations to the retirement system.

² Supreme Court of Kentucky, 2005-SC-0046-TG, May 19, 2005.

School Facilities Construction Commission (Aa3)

The School Facilities Construction Commission (SFCC) was established by KRS 157.611-.665 to assist local school districts in the construction of school buildings. SFCC debt is General Fund supported and requires General Assembly authorization.

Kentucky Infrastructure Authority (Aa3/A/A+)

The Kentucky Infrastructure Authority (KIA) was established under KRS 224A and has issued General Fund supported debt in the past for revolving loan programs that provide assistance to local governments for infrastructure projects. Its Agency Fund supported bonds are considered non-appropriation supported debt.

KIA cannot incur debt for its revolving fund loan programs without authorization from the General Assembly. Other programs are limited to debt outstanding of \$500 million unless there is legislative authorization. KIA was also downgraded from A+ to A by S&P in September 2015 with a revised ratings outlook from negative to stable.

Turnpike Authority of Kentucky (Aa2/AA/A+)

The Turnpike Authority of Kentucky (TAK) was established by KRS 175.410-.990 to finance the construction and maintenance of road projects. TAK debt is supported by the Road Fund and requires General Assembly authorization.

In June 2015, Standard and Poor's downgraded the TAK's ratings from AA+ to AA and revised its ratings outlook from stable to negative.

Public Universities and the Kentucky Community and Technical College System (Varies)

KRS 56.495 authorizes the Board of Trustees of the University of Kentucky (UK) and the University of Louisville (UL) and the Board of Regents of Eastern Kentucky University, Kentucky State University, Morehead State University, Murray State University, Northern Kentucky University, Western Kentucky University, and the Kentucky Community and Technical College System to issue bonds for consolidated education buildings and housing and dining facilities.

In the past, the universities issued bonds under two separate trust indentures: consolidated education and housing and dining.³ Beginning with UK in 2005, the universities have transitioned to general receipts trust indentures, where bonds are secured by a broad pledge of revenues, such as student registration fees; nongovernmental grants and contracts; recovery of facilities and administration costs; state appropriations; gifts; and investment income. The revenues pledged vary for each university. Some universities exclude revenues from specific

³ A trust indenture is an agreement between the issuer of the debt – in this case, the university – and the trustee, which acts as a fiduciary on behalf of bondholders. The trustee is responsible for administering the funds specified in the trust indenture as those pledged for the repayment of the debt.

operations (such as housing or athletic facilities) from their pledge of the university’s general receipts.

There are also differences among the universities in the types of debt captured under the general receipts indenture. For example, UK included its 2009 acquisition (lease-purchase) of Samaritan Hospital under its general receipts indenture.

Ratings for the universities vary depending on institutional factors such as:

- Market position – operating revenue, selectivity, matriculation, tuition levels, gifts;
- Operating performance – operating cash flow margin, debt service coverage, revenue diversity;
- Balance sheet and capital investment – cash and investments, expendable financial resources, debt levels, liquidity;
- Governance and management – board and senior management composition, oversight and disclosure practices, self-assessment and benchmarking, government relations; and
- Legal security and debt structure – bondholder security provisions, external financing terms and conditions.

Table 1 provides the underlying ratings for each university’s debt issued under general receipts trust indentures. Fitch does not rate Kentucky university debt.

Table 1: University Ratings (General Receipts Trust Indenture - Unenhanced)

| University | Moody’s | | S&P | |
|---|---------|----------|--------|---------|
| | Rating | Outlook | Rating | Outlook |
| Eastern Kentucky University | A1 | Negative | A | Stable |
| Kentucky Community and Technical College System | - | - | - | - |
| Kentucky State University | - | - | - | - |
| Morehead State University | A2 | Stable | - | - |
| Murray State University | A1 | Stable | - | - |
| Northern Kentucky University | A1 | Stable | A | Stable |
| University of Kentucky | Aa2 | Stable | AA | Stable |
| University of Louisville | Aa3 | Stable | AA- | Stable |
| Western Kentucky University | A1 | Negative | A | Stable |

"-" indicates that a rating is not maintained

The General Assembly (2014 Regular Session) authorized \$145.5 million in Agency Bonds for KCTCS’s BuildSmart initiative, of which \$50-\$60 million is expected to be issued in Spring 2016. Authority is granted to KCTCS to establish and implement a mandatory student fee, on a

college-by-college basis, not to exceed eight dollars per credit hour to be used to pay debt service on the bonds. A local match of 25% is required for each of the 16 colleges' projects for a total capital investment of \$194 million.

University/KCTCS Intercept Program

Pursuant to KRS 164A.608, if the governing board of either a public university or KCTCS is not able to make the required payments on its outstanding bonds, the trustee or paying agent bank is required to notify the secretary of the Finance and Administration Cabinet, which will then withhold or intercept a sufficient portion of the institution's appropriated funds to make the debt service payment. Moody's and S&P treat this intercept program as a credit enhancement program and give it the same rating as the state's General Fund appropriation-supported debt (Aa3/A).

The intercept program has reduced the interest cost for regional institutions because the underlying ratings on their debt are below those of the intercept program. However, Moody's and S&P rate UK and UL debt at the same level or higher than the state's General Fund appropriation-supported debt. Therefore, UK and UL do not benefit from the intercept program when they issue new bonds. With S&P's September 2015 downgrade of General Fund appropriation-supported debt; its underlying and enhanced ratings for Eastern Kentucky, Northern Kentucky, and Western Kentucky Universities are now at the same level. However; S&P, with the exception of UK and UL, has not issued ratings for recent bond issues for universities. As only Moody's typically issues the ratings for recent regional university bond issues, the intercept program is currently effective as a form of credit enhancement, which may change with further deterioration of the Commonwealth's credit.

Local Governments Issuing Appropriation-Supported Debt

Judicial Facilities

Since the 1980s, the construction, expansion, and renovation of judicial facilities have been financed through lease-supported debt issued by a local government public property corporation. The bonds are secured by a lease agreement with the Administrative Office of the Courts (AOC), which leases up to 100 percent of the facility.

Under these lease arrangements, AOC makes use allowance and operating cost allowance payments. The use allowance payment is AOC's pro-rated share of the debt service payments on the bonds based on the percentage of the court facility that AOC occupies. The operating cost allowance payments are AOC's pro-rated share of maintenance, insurance, and other costs.

The General Assembly authorizes judicial facilities projects and appropriates funds for AOC's use and operating cost allowance payments in the same manner that it does for other projects financed with lease appropriation-supported bonds. Payments for these projects are a recurring expenditure from the state's General Fund and Moody's and S&P give it the same rating as the state's General Fund appropriation-supported debt (Aa3/A) due to 100% AOC occupancy for

nearly all court facilities authorized since 2000. However, as with the majority of post-secondary institutions, Moody’s rather than S&P typically rates the debt for judicial facilities.

Table 2 shows the aggregate General Fund supported outstanding debt associated with local court facilities and how much will be paid down over the next ten fiscal years. For the current fiscal year, the state has committed to make debt service payments (\$77.1 million) on approximately \$706 million of outstanding debt.

Table 2: Aggregate General Fund-Supported Debt for Judicial Facilities Projects

| Fiscal Year | Total Outstanding Debt | AOC’s Share of Outstanding Debt | Total Payments |
|-------------|------------------------|---------------------------------|----------------|
| 2016 | 705,982,500 | 693,899,900 | 77,092,300 |
| 2017 | 651,989,700 | 640,763,500 | 77,279,500 |
| 2018 | 590,924,200 | 580,537,300 | 76,349,500 |
| 2019 | 528,813,800 | 519,278,300 | 76,018,200 |
| 2020 | 466,228,000 | 457,624,000 | 76,168,000 |
| 2021 | 408,421,400 | 400,694,700 | 75,576,900 |
| 2022 | 348,809,400 | 342,041,700 | 75,531,800 |
| 2023 | 292,745,100 | 286,872,500 | 72,785,100 |
| 2024 | 241,271,000 | 236,309,400 | 65,365,100 |
| 2025 | 188,581,900 | 184,561,200 | 62,506,100 |

Source: Administrative Office of the Courts. “Total Outstanding Debt” is calculated on a calendar year basis. “Total payments” excludes administrative and trustee fees.

In August 2013, AOC closed on an interim loan in the amount of \$15 million for the development of the Judicial Branch’s Phase One E-Case and Docket Management System project, a \$28.1 million Agency Fund bond issue was authorized by the 2013 General Assembly which will be paid from an account holding residual revenues from fees for criminal history record checks. Permanent financing through the issuance of tax-exempt bonds by the SPBC is anticipated to take place in September 2015.

Eastern State Hospital Project Bonds

In June 2011, the Lexington-Fayette Urban County Government Public Facilities Corporation issued \$138,635,000 of lease revenue bonds to replace Eastern State Hospital in Lexington. The Finance and Administration Cabinet and the Cabinet for Health and Family Services entered into a ground lease with the corporation for the project site. Under the ground lease, the state will pay rent to the corporation during biennial renewal terms, which will provide funds sufficient to pay the debt service on the bonds.

For the current fiscal year, the state has committed to make debt service payments (\$11.3 million) on approximately \$130 million of outstanding debt.

Public Private Partnerships

State Office Building Certificates of Participation

In early 2015, CRM/D.W. Wilburn was awarded a “built-to-suit” lease (KRS 56.8161 to 56.820) for the construction of a 371,160 s.f. office facility in Franklin County (Sower Boulevard) to house 1,400 state employees. “Built-to-suit” is a financing mechanism by which a state agency conveys land to a private developer who designs, finances, and builds the project. The developer maintains ownership of the property, which is leased to the state agency until the state agency has paid sufficient rent to reimburse the developer for the amortized cost of constructing the project, at which point title to the land and the project would revert back to the Commonwealth.

In April 2015, Certificates of Participation (COPs) in the amount of \$68,575,000 were issued. With the issuance of the COPs; the lessor, CRM/D.W. Wilburn, assigned its interest in lease payments made by the lessee, the Commonwealth, to the trustee for distribution of the payments to the certificate holders.

Although the Commonwealth did not issue the COPs, its obligation to pay rent under the Lease Agreement is virtually identical to its obligation under other leases that back bond payments; therefore, it is anticipated that market participants would also consider this transaction a debt obligation of the Commonwealth.

Entities Issuing Non-Appropriation Supported Debt

Kentucky Housing Corporation (Aaa/AAA)

KHC provides mortgage loans to low and moderate income homebuyers by issuing tax-exempt and taxable revenue bonds. The corporation borrows money from investors in the bond market and uses the borrowed funds to originate mortgage loans. KHC then uses the monthly mortgage payments it receives from homebuyers to repay the bondholders the amount it has borrowed with interest. Because the bonds are secured by the income generated by its loan portfolios, they are a form of asset-backed securities.

At the end of FY 2015, KHC had \$944,290,000 of outstanding debt (KRS 198A.090 limits KHC’s outstanding debt to \$5 billion). All of KHC’s mortgage bonds are considered moral obligation debt. The bond issues have a covenant requiring KHC to request funds from the Governor and the General Assembly sufficient to pay the debt service on the bonds in the event that KHC has a shortfall.

Kentucky Higher Education Student Loan Corporation (Varies)

In the past, KHESLC issued tax-exempt and taxable revenue bonds and used the proceeds to make student loans to residents of Kentucky and Alabama under the Federal Family Education Loan Program (FFELP). Repayment of FFELP loans was guaranteed by federally designated agencies – in this case, KHESLC – and reinsured by the federal government. FFELP has since been replaced with a direct lending program from the federal Department of Education, which is

funded through US Treasury borrowings. Although the FFELP program was eliminated prospectively in 2010, certain FFELP loans (primarily Rehabilitation and Portfolios) can still be acquired from other lenders. In addition to these FFELP acquisitions, KHESLC also originates Advantage Education Loans through its Supplemental Loan Program, which commenced in October 2010. KHESLC services and administers the aforementioned loans and has the capability to service FFELP loans on behalf of other lenders.

At the end of FY 2015, KHESLC had \$1,081,968,559 of outstanding debt (KRS 164A.080 limits KHESLC's outstanding debt to \$5 billion). Only one outstanding bond issue (Series 1997 – restructured in February 2015) for KHESLC was considered to be moral obligation debt of the Commonwealth.

Kentucky Infrastructure Authority (Aaa/AAA/AAA)

KIA issues Agency Fund supported bonds for its Fund A (Wastewater) and Fund F (Drinking Water) revolving loan programs. These bonds leverage the loan repayments KIA receives from local borrowers to make additional loans for infrastructure projects. Because the bonds are secured by the income generated by KIA's loan portfolios, these bonds are a form of asset-backed securities. They are rated Moody's Aaa; S&P AAA; and Fitch AAA. KIA also issues Agency Fund supported bonds for its Fund C (Governmental Agencies) loan program, which are rated S&P AA+.

KIA cannot incur debt for its revolving fund loan programs without authorization from the General Assembly. Other programs are limited to debt outstanding of \$500 million unless there is legislative authorization.

At the end of FY 2015, KIA had \$259,990,000 of leverage bonds outstanding. There is currently \$125,000,000 of authorized but unissued KIA leverage bonds.

Kentucky Public Transportation Infrastructure Authority (Investment Grade)

KPTIA is an independent de jure municipal corporation and political subdivision of the Commonwealth established in 2009 pursuant to KRS Chapter 175B, as amended. The authority reviews, approves, and monitors certain significant transportation projects within the Commonwealth and between the Commonwealth and other states, namely the Louisville-Southern Indiana Ohio River Bridges Project (LSIORBP).

Near the end of calendar year 2013, KPTIA issued toll revenue bonds and toll revenue bond anticipation notes for LSIORBP. The debt is to be paid solely from Kentucky's share of project revenues (primarily tolls) and is neither the debt nor the responsibility of the Commonwealth.

At the end of FY 2015, KPTIA had \$727,870,369 of debt outstanding.

Conduit Revenue Bonds

Both KHC and the Kentucky Economic Development Finance Authority issue conduit revenue bonds. In a conduit bond issue, the bonds are issued on behalf of a third party, such as a private, for-profit business or a 501(c)(3) organization. The bonds are not considered a debt obligation of the issuer, but are backed solely by the credit of the third party or the revenues produced by the project being financed.

PART TWO: TRENDS IN DEBT ISSUANCE

Outstanding Appropriation-Supported Debt

Table 3 shows the state's outstanding appropriation-supported debt at the end of each biennium since FY 2006 and projects what the balances will be in FY 2016 and FY 2018.

The projected debt balances: (1) assume that all of the appropriation-supported debt that has been authorized by the General Assembly in the current and previous budget bills and other appropriations bills will be issued by the end of FY 2016 at current market rates; and (2) account for the restructuring of General and Road Fund supported debt for budgetary relief in previous biennia. The projected debt balance for FY 2018 does not include any debt that the General Assembly may authorize in the upcoming budget cycle.

The projected debt balances exclude Grant Anticipation Revenue Vehicle (GARVEE) debt authorized to finance highway and bridge projects, for which the debt service is paid from future federal highway appropriations. At the end of FY 2015, there was \$625,115,000 of GARVEE bonds outstanding. There is currently \$180,000,000 of authorized but unissued GARVEE bonds.

Table 3: Appropriation-Supported Debt, FY 2006 to FY 2018 (Projected) (\$ thousands)

| | Actual Debt Balance 6/30/2006 | Actual Debt Balance 6/30/2008 | Actual Debt Balance 6/30/2010 | Actual Debt Balance 6/30/2012 | Actual Debt Balance 6/30/2014 | Projected Debt Balance 6/30/2016 | Projected Debt Balance 6/30/2018 |
|--|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|---|---|
| Authorities | | | | | | | |
| State Property and Buildings Commission and Asset/Liability Commission | 2,677,478 | 4,084,955 | 4,912,325 | 5,796,995 | 5,640,115 | 4,129,305 | 3,517,198 |
| Turnpike Authority | 941,576 | 734,026 | 1,252,870 | 1,421,880 | 1,454,515 | 1,286,290 | 1,297,332 |
| School Facilities Construction Commission | 730,978 | 835,360 | 798,526 | 904,045 | 906,866 | 869,488 | 815,892 |
| Kentucky Infrastructure Authority | 132,285 | 108,355 | 80,840 | 13,070 | 8,160 | 5,670 | 4,455 |
| Subtotal | 4,482,317 | 5,762,696 | 7,044,561 | 8,135,990 | 8,009,656 | 6,290,753 | 5,634,877 |
| Universities (General Fund Supported Debt) | | | | | | | |
| EKU | 10,390 | 5,360 | 1,515 | 0 | 0 | 0 | 63,999 |
| KCTCS | 0 | 0 | 0 | 0 | 0 | 0 | 23,153 |
| KSU | 4,315 | 2,690 | 935 | 0 | 0 | 0 | 10,033 |
| MoSU | 7,665 | 5,530 | 3660 | 1,650 | 495 | 0 | 47,926 |
| MuSU | 3,535 | 1,395 | 720 | 0 | 0 | 0 | 62,087 |
| NKU | 17,695 | 10,840 | 5,800 | 955 | 0 | 0 | 93,577 |
| UK | 18,020 | 9,140 | 2,625 | 0 | 0 | 0 | 161,589 |
| UL | 62,155 | 43,860 | 28,930 | 13,450 | 4,180 | 0 | 77,717 |
| WKU | 10,220 | 5,005 | 1,045 | 0 | 0 | 0 | 46,306 |
| Subtotal | 133,995 | 83,820 | 45,230 | 16,055 | 4,675 | 0 | 586,387 |
| Total Authorities and General Fund Debt | 4,616,312 | 5,846,516 | 7,089,791 | 8,152,045 | 8,014,331 | 6,290,753 | 6,221,265 |
| Universities (Agency Fund Supported Debt) | | | | | | | |
| EKU | 26,760 | 26,615 | 33,880 | 50,665 | 60,315 | 64,520 | 53,220 |
| KCTS | 0 | 0 | 0 | 0 | 0 | 0 | 140,366 |
| KSU | 1,875 | 5,535 | 4,875 | 4,165 | 3,405 | 2,980 | 7,818 |
| MoSU | 17,820 | 18,320 | 49,695 | 54,695 | 58,120 | 77,720 | 70,475 |
| MuSU | 25,705 | 38,950 | 43,360 | 46,075 | 56,800 | 76,420 | 69,005 |
| NKU | 14,210 | 80,750 | 80,380 | 92,870 | 132,020 | 119,680 | 137,908 |
| UK | 202,310 | 136,765 | 251,485 | 247,490 | 465,850 | 736,890 | 875,280 |
| UL | 41,900 | 77,455 | 152,480 | 192,500 | 173,922 | 157,787 | 164,621 |
| WKU | 20,160 | 69,275 | 109,385 | 133,890 | 156,580 | 140,060 | 122,560 |
| Total Universities (Agency Fund Supported Debt) | 350,740 | 453,665 | 725,540 | 822,350 | 1,107,012 | 1,376,057 | 1,641,253 |
| Total Appropriation Supported Debt | 4,967,052 | 6,300,181 | 7,815,331 | 8,974,395 | 9,121,343 | 7,666,810 | 7,862,518 |

Source: All balances for FY 2006 to FY 2014 are from the Commonwealth of Kentucky *Supplement to the Comprehensive Annual Financial Report*. Figures for FY 2016 and FY 2018 are staff calculations. Numbers may not add up due to rounding.

Authorized Appropriation-Supported Debt

Table 4 shows the new debt authorized by the General Assembly in budget and other appropriations bills for each biennium since FB 1988-90, including the current biennium.

Table 4: New Appropriation-Supported Debt Authorized since FB 1988-90

| Fiscal Biennium | New Debt Authorized (\$) |
|-----------------|--------------------------|
| 1988-90 | 364,171,900 |
| 1990-92 | 1,148,218,400 |
| 1992-94 | 439,375,100 |
| 1994-96 | 429,575,900 |
| 1996-98 | 242,182,000 |
| 1998-00 | 1,095,128,000 |
| 2000-02 | 1,046,927,600 |
| 2002-04 | 828,936,380 |
| 2004-06 | 1,906,315,300 |
| 2006-08 | 2,110,528,000 |
| 2008-10 | 2,015,494,000 |
| 2010-12 | 1,549,199,800 |
| 2012-14 | 238,860,000 |
| 2014-16 | 1,496,548,200 |

Source: 2014-16 Budget of the Commonwealth, Budget in Brief.

FB 2014-16 adjusted to reflect debt authorized after budget was adopted (HB 298 – 2015 Regular Session).

The amount of debt authorized by the legislature steadily decreased throughout the 1980s. Authorized debt more than tripled at the beginning of the 1990s, exceeding \$1 billion, and remained at nearly half that level for the next three biennia. In FB 1998-00, the amount of new debt authorized once again exceeded \$1 billion.

For FB 2004-06 through FB 2008-10, the General Assembly authorized close to or above \$2 billion in new debt, a significant portion of which funded local projects. New debt authorizations have not since reached those levels.

Table 5 shows new issuance in the municipal bond market from calendar year (CY) 2006 to 2015. The municipal bond market set the record for annual debt issuance in CY 2010 with \$433.3 billion of new bonds as state and local governments tried to issue bonds ahead of the expiration of the Build America Bond (BAB) program. Some market participants are projecting that CY 2015 new issuance may exceed the CY 2010 level due to low interest rates⁴.

⁴ Municipal Market Bloomberg Brief, August 18, 2015

**Table 5: New Issuance of Municipal Bonds Nationally
 Calendar Years 2006-2015 (Year-to-Date) (\$ thousands)**

| Calendar Year | New Money | Refunding | Combined | Total New Issuance |
|-------------------|-------------|-------------|------------|--------------------|
| 2006 | 258,362,700 | 79,170,300 | 51,305,300 | 388,838,300 |
| 2007 | 274,285,000 | 75,874,400 | 79,734,300 | 429,893,700 |
| 2008 | 208,225,000 | 108,603,600 | 72,803,200 | 389,631,800 |
| 2009 | 261,331,600 | 86,455,900 | 61,901,000 | 409,688,500 |
| 2010 | 279,770,800 | 98,515,800 | 54,982,200 | 433,268,800 |
| 2011 | 146,220,400 | 90,392,100 | 51,105,900 | 287,718,400 |
| 2012 | 146,008,800 | 158,221,600 | 75,378,500 | 379,608,900 |
| 2013 | 161,501,600 | 111,514,200 | 61,052,500 | 334,068,300 |
| 2014 | 144,010,100 | 125,790,600 | 64,631,600 | 334,432,300 |
| 2015 (YTD) | 89,918,900 | 110,665,600 | 53,147,000 | 253,731,500 |

Source: Thomson Reuters (as of August 11, 2015).

Authorized but Unissued Debt (ABUI)

Table 6 provides the amount of debt that has been authorized by the General Assembly but has not yet been issued as of June 30, 2015 (appropriation-supported debt only).

Table 6: Authorized but Unissued Debt (as of June 30, 2015)

| Authorization | Amount (\$) |
|--|----------------------|
| General Fund | |
| 2006 Regular Session | 6,500,000 |
| 2008 Regular Session | 2,200,000 |
| 2010 Extraordinary Session | 67,949,000 |
| 2012 Regular Session | 32,520,000 |
| 2014 Regular Session | 642,773,200 |
| 2015 Regular Session | 132,500,000 |
| SFCC Offers of Assistance | 100,000,000 |
| Subtotal | 984,442,200 |
| Less SPBC 108 (allocations not final) | (150,000,000) |
| Subtotal | 834,442,200 |
| Agency Fund | |
| 2010 Extraordinary Session | 17,500,000 |
| 2013 Regular Session | 37,700,000 |
| 2014 Regular Session | 371,587,000 |
| Subtotal | 426,787,000 |
| Road Fund | |
| 2010 Extraordinary Session | 200,000,000 |
| 2012 Regular Session | 12,500,000 |
| 2014 Regular Session | 5,000,000 |
| Subtotal | 217,500,000 |
| Total Authorized but Unissued Debt | 1,478,729,200 |

Source: Office of Financial Management.

Debt Indicators

While the amount of debt authorized does provide some information about trends, it does not show how the level of debt compares to the state's potential to meet its obligations. The level of debt a state can comfortably support depends upon the state's ability to generate sufficient revenues to meet its priorities. These priorities include both debt service payments and the various programs funded by the state. Therefore, analysts typically compare a state's debt level to its revenues and its ability to collect revenues. There are four indicators used by Kentucky policymakers and market participants in gauging whether the state will have enough resources to make its debt service payments: (1) debt service as a percent of revenues; (2) debt per capita; (3) debt as a percent of personal income; and (4) debt as a percent of the state's gross domestic product (GDP).

Debt as a Percent of Revenues

Debt service is the sum of principal and interest payments that the Commonwealth is required to make to bondholders in the course of a fiscal year. The ratio of debt service to revenues represents the percentage of Kentucky's annual operating budget devoted to paying off existing debt. State policymakers in the past have determined that General, Agency, and Road Fund supported debt service of six percent of total revenues represents a reasonable debt burden.

Scenario Analysis

This memorandum examines the Commonwealth's debt as a percent of revenues under three interest rate scenarios, assuming as in prior years, full-year debt service for authorized but unissued debt in FY 2018. For FY 2016, the authorized but unissued debt is based upon actual and projected bond sales between July 1, 2015 and December 31, 2015 (no debt service for FY 2016 would be due for bond issues after that date). The three interest rate scenarios are: (1) current market interest rates for A rated credits; (2) current market interest rates for A rated credits plus one percent; and (3) current market interest rates for A rated credits plus two percent. The purpose of using three scenarios in projecting the state's appropriation-supported debt service to revenues is to account for a more volatile interest rate environment. Current market rates are based on Municipal Market Data daily yields and are 2.75 percent for 10-year debt and 3.52 percent for 20-year debt.⁵

Figure 1 shows the *Bond Buyer 20-Bond GO Index* (one of the benchmarks used to track interest rates in the municipal bond market) showing the trend in interest rates from January 2005 to August 2015. The index is comprised of twenty general obligation bonds maturing in twenty years with an average rating equivalent to Moody's Aa2 and S&P AA.

⁵ Municipal Market Data (Thomson Reuters) General Obligation Yields as of September 1, 2015.

Figure 1: Bond Buyer 20-Bond GO Index (2005 to Present)



General and Road Fund revenues are based on the planning estimates that the Consensus Forecasting Group (CFG) adopted on August 13, 2015. Agency Fund revenues are based on actual FY 2015 receipts, assume no growth, and have been adjusted to reflect reduced payments for Build America Bonds under sequestration. **Appendix A** of this report provides additional information on the revenue estimates.

The full debt service for outstanding BABs is used and the federal subsidies issuers receive are treated as an additional revenue source. This reflects the fact that state issuers are legally responsible for making the full debt service payment regardless of whether the federal government makes its committed subsidy payments.

Table 7 shows the state’s appropriation-supported debt service as a percent of General, Agency, and Road Fund revenues for each biennium since FY 1996.

Table 7: Appropriation-Supported Debt Service as a Percent of Total Revenues Historically

| Fiscal Year | Percent |
|-------------|---------|
| 1996 | 5.62 |
| 1998 | 5.27 |
| 2000 | 5.90 |
| 2002 | 5.18 |
| 2004 | 5.39 |
| 2006 | 4.89 |
| 2008 | 5.16 |
| 2010 | 2.97 |
| 2012 | 4.53 |
| 2014 | 5.97 |

Source: 2014-15 Budget of the Commonwealth, Budget in Brief, OSBD.

Table 8 provides estimates of what the ratio would be given the above interest rate scenarios for FY 2016 and FY 2018. If authorized but unissued debt is issued above current market rates, then the debt ratio would exceed 6 percent in FY 2018.

Table 8: Appropriation-Supported Debt Service as a Percent of Revenues under Three Interest Rate Scenarios

| Fiscal Year | Market Interest Rates | Market Interest Rates Plus 1 Percent | Market Interest Rates Plus 2 Percent |
|-------------|-----------------------|--------------------------------------|--------------------------------------|
| 2016 | 5.76 | 5.76 | 5.76 |
| 2018 | 5.96 | 6.01 | 6.07 |

Source: Staff calculations.

Issues with Using this Indicator as a Proxy for Debt Capacity

There are several issues with solely regarding the gap between the state’s actual appropriation-supported debt service as a percent of revenues and the 6 percent threshold as the state’s capacity to issue additional debt.

Market Participants Consider Other Factors

Market participants consider a number of factors in determining whether a state’s debt burden is affordable such as enacting a structurally balanced budget, accumulating reserves, managing pension liabilities, and economic trends impacting the state’s tax base. Using this ratio as a proxy for the state’s debt capacity ignores aspects of the state’s credit that can have a significant impact on the state’s borrowing costs.

Calculation Does Not Account for the Bonds’ Security

Using aggregate figures suggests that all General, Agency, and Road Fund revenues can be used to retire all General, Agency, and Road Fund bonds. The security for these bonds is different; however, and there are legal and practical limitations on how those revenues can be used. For example, Section 230 of the Kentucky Constitution limits the use of Road Fund revenues to the payment of highway obligations; the construction, maintenance, and repair of highways and bridges; and the expense of enforcing traffic and motor vehicle laws. Road Fund revenues could not be used to offset increased leverage in the General Fund. Agency Fund receipts in excess of \$5 billion (including the \$3.6 billion collected by the universities and KCTCS) are included in the calculation as well.

The calculation also combines tax-supported debt with debt that is self-supported, like university general receipts debt. One argument for including university debt in this ratio has been that the universities issue debt that receives credit enhancement through the state intercept program. As noted earlier, only the regional institutions benefit from the intercept program because UK and UL have equivalent or higher ratings than the state’s appropriation-supported debt. Also, a similar intercept program exists for school bonds under KRS 160.160, but that debt has traditionally been excluded from calculations.

The debt burden of each of these fund sources varies widely when not presented in the aggregate. For FY 2016, the estimated ratio of General Fund debt service to General Fund revenues is 6.47 percent. The ratio of Agency Fund debt service to Agency Fund revenues is 2.71 percent. Finally, the ratio of Road Fund debt service to Road Fund revenues is 11.64 percent.

Some General Fund Supported Debt is Excluded

Approximately \$905 million of General Fund appropriation-supported debt outstanding to finance the construction of court facilities, Eastern State Hospital, and the State Office Building is excluded from the calculation. Excluding this debt makes the General Fund seem less leveraged than it actually is.

When this debt is included, the estimated ratio of General Fund debt service to General Fund revenues for FY 2016 is 7.32 percent. The ratio in aggregate becomes 6.28 percent, which exceeds policymakers' 6 percent threshold.

The rating agencies have discussed this discrepancy between the Commonwealth's actual General Fund supported debt and the amount of debt included in the calculation in their reports.⁶ This suggests the rating agencies believe state policymakers have identified a tool for disciplining spending but it has not been used that way.

Prior Ratios Affected by Debt Restructurings

In previous fiscal biennia, the state restructured outstanding General Fund and Road Fund supported debt through six transactions for the purpose of providing budgetary relief. Those transactions include SPBC Project No. 90, 93, 95, 98, and 100 and the TAK 2010 Series A bond issue.

These debt restructurings were non-traditional refunding transactions. A refunding replaces outstanding bonds with new bonds that have different terms. In a traditional economic refunding, the state would replace outstanding debt with new debt at a lower interest rate and thus realize a positive net present value savings. With the debt restructurings; however, the state extended the serial maturity dates on the existing debt, thereby pushing the amount the state currently has to pay on its debt out into later fiscal years. While this reduced the state's required debt service payments during previous fiscal biennia, the state is now paying additional interest on the debt over the life of the bonds.

Table 9 shows the cash flow savings and additional interest cost associated with the General Fund supported debt restructuring transactions by fiscal year. Cash flow savings refers to the existing debt service payments that do not have to be made in a given fiscal year because principal due has been pushed out into later years.

⁶ For example, see Moody's Investors Service, *Moody's assigns Aa3 to \$20.1M Kentucky State Property and Buildings Commission Judicial Agency Fund Revenue Bonds*, Project No. 109.

**Table 9: General Fund Debt Restructurings
Cash Flow Savings/(Additional Interest Cost) (\$)**

| Fiscal Year | SPBC 90 Oct 2008 | SPBC 93 Feb 2009 | SPBC 95 July 2009 | SPBC 98 July 2010 | SPBC 100 July 2011 | Totals |
|--------------|---------------------|---------------------|----------------------|----------------------|-----------------------|----------------------|
| 2009 | 42,172,965 | 580,593 | 0 | 0 | 0 | 42,753,558 |
| 2010 | (3,573,394) | 51,075,657 | 111,681,870 | 0 | 0 | 159,184,133 |
| 2011 | (3,573,894) | (2,391,675) | (16,153,933) | 139,828,140 | 0 | 117,708,638 |
| 2012 | (3,573,469) | (2,391,675) | (6,885,205) | (6,433,543) | 127,343,240 | 108,059,348 |
| 2013 | (3,574,606) | (2,391,675) | (4,727,576) | (6,433,542) | (5,833,175) | (22,960,574) |
| 2014 | (3,573,344) | (2,391,675) | (7,692,201) | (6,433,543) | (5,833,175) | (25,923,938) |
| 2015 | (3,571,597) | (2,391,675) | (17,195,551) | (6,433,542) | (5,833,175) | (35,425,540) |
| 2016 | (3,573,175) | (2,391,675) | (17,199,819) | (6,433,543) | (5,833,175) | (35,431,387) |
| 2017 | (3,572,900) | (20,956,675) | (17,195,386) | (6,433,542) | (5,833,175) | (53,991,678) |
| 2018 | (3,570,781) | (17,962,850) | (17,196,612) | (6,433,543) | (5,833,175) | (50,996,961) |
| 2019 | (3,574,438) | (14,703,425) | (17,195,837) | (6,433,542) | (26,498,300) | (68,405,542) |
| 2020 | (3,572,431) | 0 | (17,195,446) | (15,662,588) | (26,501,300) | (62,931,765) |
| 2021 | (3,574,675) | 0 | (2,261,515) | (54,847,197) | (26,498,175) | (87,181,562) |
| 2022 | (3,574,472) | 0 | 0 | (74,506,381) | (26,500,025) | (104,580,878) |
| 2023 | (3,573,322) | 0 | 0 | 0 | (26,501,437) | (30,074,759) |
| 2024 | (3,570,050) | 0 | 0 | 0 | 0 | (3,570,050) |
| 2025 | (3,572,375) | 0 | 0 | 0 | 0 | (3,572,375) |
| 2026 | (3,574,525) | 0 | 0 | 0 | 0 | (3,574,525) |
| 2027 | (3,572,737) | 0 | 0 | 0 | 0 | (3,572,737) |
| 2028 | (3,571,600) | 0 | 0 | 0 | 0 | (3,571,600) |
| 2029 | (3,570,562) | 0 | 0 | 0 | 0 | (3,570,562) |
| Total | (29,285,382) | (16,316,750) | (29,217,211) | (56,656,366) | (40,155,047) | (171,630,756) |

Source: Office of Financial Management.

Additional interest cost is net of any economic refunding components of the transactions.

Table 10 shows the cash flow savings and additional interest cost associated with the state’s Road Fund supported debt restructuring.

**Table 10: Road Fund Debt Restructuring
Cash Flow Savings/(Additional Interest Cost) (\$)**

| Fiscal Year | TAK 2010 A June 2010 |
|--------------|-------------------------|
| 2009 | 0 |
| 2010 | 81,434,779 |
| 2011 | (3,180,756) |
| 2012 | (3,128,613) |
| 2013 | (8,723,612) |
| 2014 | (21,453,738) |
| 2015 | (21,455,687) |
| 2016 | (21,461,088) |
| 2017 | (11,660,687) |
| Total | (9,629,402) |

Source: Office of Financial Management.

Because of these restructurings, the state did not have to make \$427.7 million in General Fund supported debt service payments from FY 2009 to FY 2012 and \$81.4 million of Road Fund supported debt service payments in FY 2010. These restructurings have had the effect of artificially lowering the ratio of debt service to revenues in these years.

The state will be paying \$171.6 million more in General Fund supported debt service and \$9.6 million in Road Fund supported debt service over the life of the bonds due to the restructurings.

All refunding transactions since SPBC Project No. 100 were traditional refundings. Legislation enacted during the 2012 Regular Session mandates that any savings generated from non-traditional refundings be deposited directly into the budget reserve trust fund account.

Debt Indicators Used by the Rating Agencies

While state policymakers focus on the state's debt service as a percent of revenues, the rating agencies and market analysts often cite debt per capita, debt as a percent of personal income, and debt as a percent of the state's GDP as indicators of whether the state is issuing a manageable level of debt. These measures convey important information regarding how a state's debt burden has changed with respect to its tax base.

Moody's ranks states according to these indicators in its annual Debt Medians report, which demonstrate Kentucky's high debt burden, often cited in ratings reports, relative to other states.

It is important to note that Moody's provides these statistics, except for its debt service ratio calculation, on a calendar year basis while staff calculations are provided on a fiscal year basis. Moody's also makes a distinction between what the rating agency considers net tax-supported debt and gross debt. Moody's defines net tax-supported debt as "debt secured by statewide taxes and other general resources, net of obligations that are self-supporting from pledged sources other than state taxes or operating resources – such as utility or local government revenues." Net tax-supported debt is what Moody's uses in calculating its debt statistics.

Moody's also tracks states' gross debt, which "captures debt supported by revenues other than state taxes and general resources. This includes self-supporting general obligation (GO) debt, special assessment bonds, and contingent debt liabilities that may not have direct tax support but represent commitments to make debt service payments under certain conditions (e.g., state guarantees and bonds backed by state moral obligation pledges that have never been tapped)." Moody's does not use this figure in calculating its debt statistics, however.

Appendix B shows which debt issued by Kentucky's various debt issuing authorities is included in net tax-supported debt; gross debt; and indirect and moral obligation debt.

The debt issued by Kentucky's regional universities is included in gross debt because it is subject to the state intercept. It is not considered net tax-supported debt, however, and is excluded from the rating agency's state debt statistics.

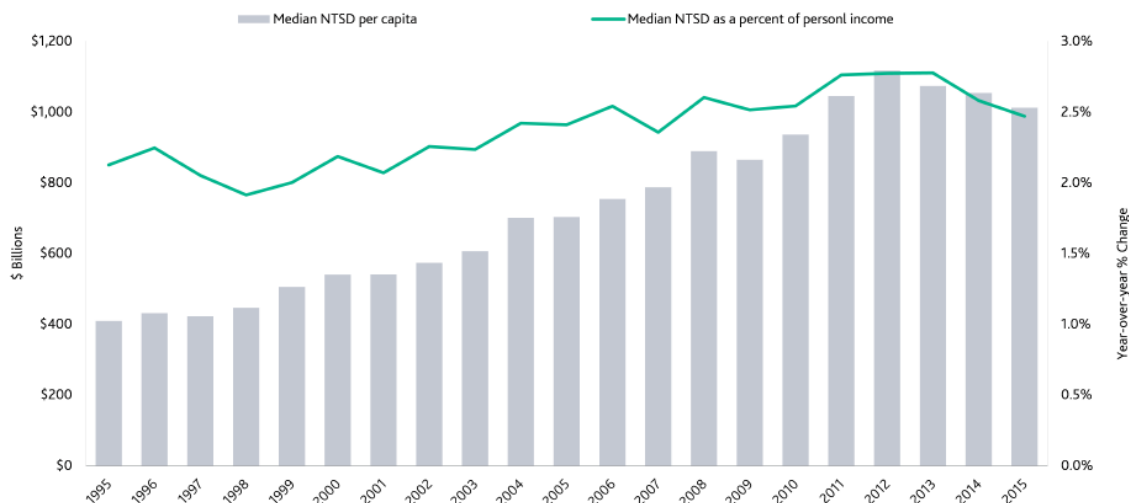
Debt issued by UK and UL is not included in gross debt because it does not benefit from the state intercept from a credit perspective. It is also not considered net tax-supported debt and is excluded from the rating agency’s debt statistics.

On the revenue side, less than \$100 million of the Commonwealth’s Agency Fund receipts in excess of \$5 billion (including University and Enterprise Funds) are included in the calculation of Moody’s debt service ratio.

Debt Per Capita and as a Percentage of Personal Income

Figure 2 shows the national median debt per capita and as a percentage of personal income since CY 1994 (i.e. the 1995 report) included in Moody’s *State Debt Medians 2015* report. Moody’s ranks Kentucky 11th in the nation in net tax-supported debt per capita at \$1,921. (The average U.S. state debt per capita for CY 2014 was \$1,419 and the median was \$1,012. While the median debt per capita has increased overall since 1995, it declined from prior year levels for the past three years). Moody’s ranks Kentucky 9th in the nation in net tax-supported debt as a percent of personal income at 5.3 percent. (The average U.S. state debt as a percent of personal income for CY 2014 was 3.1 percent and the median decreased from 2.6 percent to 2.5 percent, the second consecutive decline from prior year levels).

Figure 2: Median Net Tax-Supported Debt Per Capita and as a Percentage of Personal Income Historically



Sources: Moody’s Investors Service, US Census Bureau and US Bureau of Economic Analysis

Source: Moody’s Investors Service, *State Debt Medians 2015*.

Table 11 shows staff calculations of total appropriation-supported debt per capita from FB 1996 through the current and next biennia (projected).

Table 11: Appropriation-Supported Debt Per Capita 1996-2018 (projected)

| Fiscal Biennium | Debt Per Capita |
|-------------------------|-----------------|
| 1996 | 973 |
| 1998 | 873 |
| 2000 | 880 |
| 2002 | 1,094 |
| 2004 | 1,081 |
| 2006 | 1,181 |
| 2008 | 1,476 |
| 2010 | 1,812 |
| 2012 | 2,049 |
| 2014 | 2,067 |
| 2016 (projected) | 1,737 |
| 2018 (projected) | 1,781 |

Source: United States Census Bureau; Commonwealth of Kentucky, Comprehensive Annual Financial Reports; Staff calculations.

Table 12 shows staff calculations of total appropriation-supported debt as a percent of personal income from FB 1996 through the current and next biennia (projected).

Table 12: Appropriation-Supported Debt as a Percent of Personal Income 1996-2018 (projected)

| Fiscal Biennium | Percent |
|-------------------------|---------|
| 1996 | 5.50 |
| 1998 | 4.50 |
| 2000 | 3.60 |
| 2002 | 4.30 |
| 2004 | 3.90 |
| 2006 | 4.02 |
| 2008 | 4.64 |
| 2010 | 5.40 |
| 2012 | 5.85 |
| 2014 | 5.49 |
| 2016 (projected) | 4.61 |
| 2018 (projected) | 4.73 |

Source: United States Bureau of Economic Analysis Regional Accounts; Commonwealth of Kentucky, Comprehensive Annual Financial Reports; Staff calculations.

Debt as a Percent of Kentucky’s Gross State Domestic Product

Debt as a percentage of GDP is a relatively recent statistic compiled by Moody’s. Kentucky ranks 9th in the nation in net tax-supported debt as a percent of the state’s GDP at 4.62 percent. (The U.S. state average was 2.67 percent and the median was 2.21 percent). In the previous report, Kentucky ranked 6th in the nation at 5.16 percent.

PART THREE: FINANCIAL PRACTICES AFFECTING DEBT AFFORDABILITY

Positive financial practices can have a considerable impact on the cost of issuing additional debt. These practices include: (1) enacting a structurally balanced budget; (2) building reserves; and (3) maintaining adequate liquidity.

Enacting a Structurally Balanced Budget

Enacting a structurally balanced budget communicates fiscal discipline and is one of the main criteria market participants use in evaluating an issuer's creditworthiness. As S&P explains:

We consider a state's budget to be structurally balanced if recurring revenues equal or exceed recurring operating expenditures. We recognize that structural balance is difficult to maintain during economic downturns when revenue performance is weak and support expenses may increase, but we believe that it is also difficult during periods of strong economic growth when excess revenue can lead to expansion of programs and services. Most states that do multi-year financial planning will almost always show out-year gaps regardless of the economic climate as scarce resources are balanced against virtually unlimited spending needs. Periods of imbalance are common for states but we believe that a track record of aligning recurring revenues and expenditures over time is an important element of fiscal performance.⁷

As S&P's discussion of structural balance indicates, market participants do not evaluate budgets based solely on whether the total resources available for spending match expected expenditures in a given fiscal period. Market participants are concerned instead with the sustainability of the fiscal policies underlying current spending.

It is critical to distinguish between recurring and non-recurring resources in deciding the amount of new indebtedness to assume. Recurring revenue growth stems from positive economic trends and tax policies that take advantage of those trends. One-time resources – such as fund transfers, reserve funds, or federal aid to states – will not be available in the future to address recurring expenses like debt service and therefore do not contribute to a structurally balanced budget. In fact, the use of these resources may contribute to a structural budget gap.

General Fund Structural Balance

Biennia of budget cuts have pared the size of the Commonwealth's structural imbalance after a high of \$1.04 billion in FY 2010 as calculated by the Office of the State Budget Director (OSBD). While a \$151.6 million structural imbalance going into the next biennium was estimated by OSBD after the enacted FB 2014-16 budget, the Commonwealth ended fiscal year 2015 with \$165.4 million in excess revenues. Rating agencies do consider payment of pension contributions when determining structural balance, however.

⁷ Standard and Poor's, *US State Ratings Methodology*, January 3, 2011.

The current fiscal year improvement appears to be consistent with the fiscal environments in most other states, although some sources of stress persist. According the National Association of State Budget Officers' *Spring 2015 Fiscal Survey of the States*:

....While states' fiscal conditions are improving, progress is slow and state governments face significant financial challenges going forward. Requirements for spending on K-12 education, health care and other important areas continue to grow, often at faster rates than state revenue growth. Long-term critical challenges include pent-up demand for spending on infrastructure and rising pension and health care costs. States vary in their fiscal health, some doing very well and others facing more significant budgetary problems. For example, the steep decline in oil prices has impacted some energy producing states. Over-all, state finances are somewhat improved compared to last year, but growth is modest and some states are worse off than others.

Building Reserves

Most states have established reserve funds (also referred to as “rainy day funds”) that can be accessed if revenues are lower than projected or expenditures are higher than projected. These funds provide added protection to help ensure that a state is able to meet its obligations.

Although previous budgets had made appropriations to the Budget Reserve Trust Fund (BRTF), the BRTF was formally established in statute in 1995. Pursuant to KRS 48.705, contributions to the BRTF may be made through direct appropriation, from surplus revenue receipts in the General Fund, and from certain unexpended appropriations. The statute sets a goal of maintaining a BRTF balance equal to 5 percent of the actual General Fund receipts collected during a given fiscal year. The Capital Planning Advisory Board has historically recommended funding the BRTF in accordance with statutory requirements. According to Fitch, “a general target for prudent reserve levels is 5 to 10 percent of general government spending.”⁸

Table 13 shows the deposits to and withdrawals from the BRTF, the fund’s fiscal year-end balances, and the fiscal year-end balance as a percent of General Fund revenues.

⁸ Fitch Ratings, *US State Government Tax Supported Rating Criteria*, August 14, 2012.

**Table 13: Budget Reserve Trust Fund
Deposits, Withdrawal, and Fiscal Year Ending Balances
1995 to Present (\$)**

| Fiscal Year | Deposits | Withdrawals | Ending Balance | As a Percent of Revenues |
|-------------|-------------|-------------|----------------|--------------------------|
| 1995 | 10,000,000 | | 100,000,000 | 2.0 |
| 1996 | 100,000,000 | | 200,000,000 | 3.8 |
| 1997 | 0 | | 200,000,000 | 3.6 |
| 1998 | 0 | | 200,000,000 | 3.4 |
| 1999 | 30,533,000 | | 230,533,000 | 3.8 |
| 2000 | 8,750,400 | | 239,283,400 | 3.8 |
| 2001 | 39,337,536 | 38,789,073 | 239,831,863 | 3.6 |
| 2002 | 182,520 | 240,014,383 | 0 | 0 |
| 2003 | 5,087,400 | | 5,087,400 | 0.1 |
| 2004 | 49,677,429 | 4,000,000 | 50,764,829 | 0.7 |
| 2005 | 13,277,315 | 35,277,300 | 28,764,844 | 0.4 |
| 2006 | 90,250,256 | | 119,015,100 | 1.4 |
| 2007 | 112,474,636 | | 231,489,736 | 2.7 |
| 2008 | 0 | 16,714,300 | 214,775,436 | 2.6 |
| 2009 | 11,349,722 | 219,000,000 | 7,125,158 | 0 |
| 2010 | 0 | 7,125,158 | 0 | 0 |
| 2011 | 0 | | 0 | 0 |
| 2012 | 121,722,555 | | 121,722,555 | 1.4 |
| 2013 | 0 | | 121,722,555 | 1.3 |
| 2014 | 25,600,851 | 70,229,470 | 77,093,936 | .8 |
| 2015 | 0 | 0 | 77,093,936 | .8 |
| 2016 | 146,014,310 | 13,661,200 | 209,447,046 | 2.1 |

Source: OSBD. Staff calculations.

During the late 1990s, the General Assembly consistently committed funds to the BRTF, and this practice contributed to credit rating upgrades during that period. At the onset of fiscal year 2001, with the \$39.3 million deposit; the BRTF had reached a balance of \$278.6 million (4.1% of revenues at that time) and was used in its entirety to offset budget reductions during that biennium.

Three deposits were made from prior year General Fund surpluses and other sources as directed by the executive branch biennial budget bill in fiscal years 2006, 2007, and 2009. The fund was then depleted to offset budget reductions due to the economic downturn. Deposits have since been made in fiscal years 2012, 2014, and 2016.

At the beginning of FY 2016, the state made a \$146.0 million deposit to the fund (\$82.5 million from the FY 2015 General Fund surplus and a \$63.5 million fund transfer as directed by amendments to the executive branch biennial budget bill during the 2015 Regular Session). This represented the single largest deposit that had been made to the fund in its history. The fund is

expected to have a \$209 million balance at the beginning of the upcoming fiscal biennium, or approximately 2.1 percent of FY 2016 revenues, the highest balance since 2008.

Maintaining Adequate Liquidity

Liquidity refers to a state's cash position and whether a state has sufficient funds on hand to meet its payment obligations as they come due.

The ideal cash position for a state is to be able to meet all expenses directly out of its General Fund. A state with a less than ideal, but still relatively strong, cash position would be able to meet expenses through internal borrowing. A state in a weaker cash position would require the issuance of cash flow notes to meet expenses. Finally, a state in the weakest position would require some form of deficit financing. In addition to signaling financial stress, the use of cash flow notes and deficit financing can make a state dependent on the capital markets for funding, and there have been periods where access to the capital markets has been questionable.

Kentucky is not able to meet all expenses from the General Fund because the fund maintains a negative cash balance for much of the fiscal year. According to the *Semi-Annual Report of the Kentucky Asset/Liability Commission*, for the period ending December 31, 2014, the General Fund had a high balance of \$207.3 million at the beginning of FY 2015 and a low of negative \$1.651 billion on November 17, 2014.⁹ The average balance was negative \$1.223 billion and the median balance was negative \$1.322 billion.

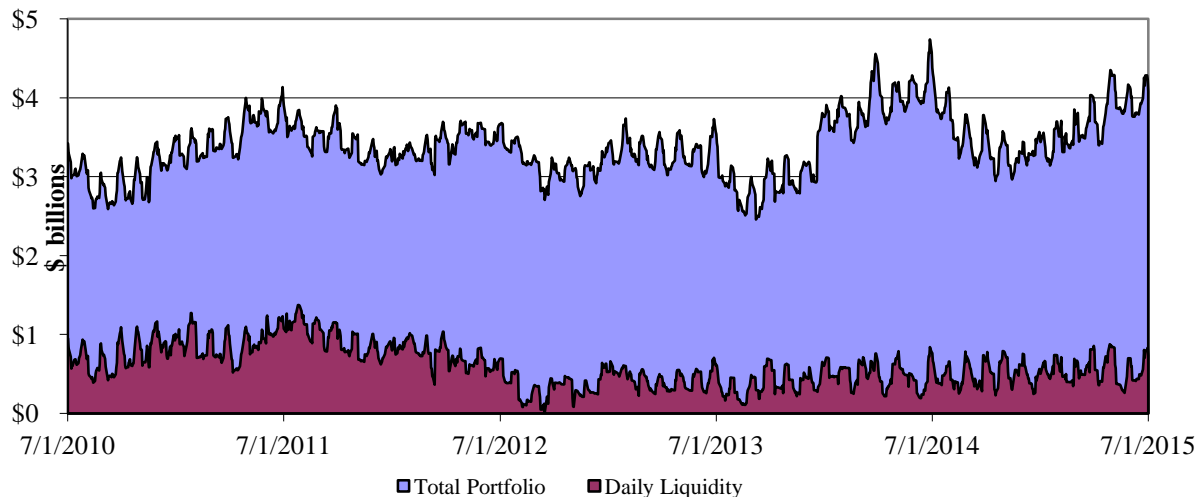
Kentucky issued Tax and Revenue Anticipation Notes (TRANs) to finance the state's cash flow requirements from FY 1998 through FY 2009, with the exception of FY 2004. The state has not issued TRANs since FY 2009 because reinvestment yields would not be higher than the cost of funds for the notes.

Kentucky's investment portfolio is divided into four pools: (1) Short Term, (2) Limited Term, (3) Intermediate Term, and (4) Bridges Pool. The Commonwealth has been able to borrow internally through its Limited Term and Intermediate Term investment pools and the ability to borrow internally is viewed positively by rating agencies.

⁹ Finance and Administration Cabinet, *Semi-Annual Report of the Kentucky Asset/Liability Commission*, for the period ended December 31, 2014.

Figure 3 shows the Commonwealth’s daily liquidity position from July 2010 to July 2015.

Figure 3: Daily Liquidity



Source: Office of Financial Management

Periodic rises and drops in the state’s daily liquidity are primarily based upon predictable monthly inflows and outflows of funds managed by the Office of Financial Management; the largest outflows occurring at the beginning of the month with contract payments to Managed Care Organizations (MCOs) and Support Education Excellence in Kentucky (SEEK) payments to local school districts and the largest inflows occurring at the end of the month with sales tax receipts.

Unfunded Pension and Retiree Health Care Liabilities

Kentucky has six state-administered retirement plans, with the two major plans being the Kentucky Employees Retirement System (KERS) and the Kentucky Teachers’ Retirement System (KTRS). Membership in KERS includes employees of state government, the regional state universities, local health departments, regional mental health / mental retardation agencies, and other agencies. Membership in KTRS includes the teaching and administrative staff at local boards of education, teaching staff at regional state universities (which is optional), and certain education-related positions in state government.

The funding for pension system benefits and expenses is derived from: (1) employee contributions, (2) employer contributions, and (3) the plan’s return on investment. The employee contribution is specified in statute. The employer contribution for KERS is determined by annual actuarial valuations and varies. The employer contribution for KTRS is fixed but also includes special direct appropriations.

The actuarial valuation determines: (1) the amount of benefits that are required to be paid in the future; (2) the level of employer contributions; and (3) the financial health of the plan.

Estimating the Amount of Benefits

To estimate the amount of benefits the plan must pay out going forward (i.e. the plan's future liabilities), the actuary has to make a variety of assumptions about the plan's financial management (e.g. return on investments, 7.75 percent for KERS and 7.5 percent for KTRS) and plan participants (e.g. salaries, retirement age, and life expectancy). Once the liabilities are determined, they are discounted to today's dollars and divided into the actuarially accrued liability and the present value of future normal cost. The actuarially accrued liability is the liability tied to service already earned by plan participants. The present value of future normal cost is the liability tied to employees' future service based on the actuary's assumptions.

Employer Contributions

The state makes two employer contributions – one for pensions and one for retiree health benefits. Part of each contribution is for normal cost (estimated cost for the upcoming year of service) and part is to finance the state's unfunded liability (typically amortized over a period of 30 years). Unfunded liabilities are generated when plan assumptions are not realized, such as when the return on investment is less than assumed or the state has not fully funded its actuarially required contribution. Conversely, higher-than-assumed investment returns may decrease unfunded liabilities.

Prior to fiscal year 2015, the General Assembly has not included the full amount recommended by the Kentucky Retirement Systems' board of trustees and its actuary for the employer contribution in the budget since FY 2002. In the 2013 Regular Session, the General Assembly passed SB 2; which among other significant changes to retirement programs administered by Kentucky Retirement Systems, mandated that the full actuarially required contribution (ARC) be funded commencing in fiscal year 2015.

Senate Bill 2 did not address benefits for current or retired teachers administered through KTRS. In the past, the state has issued funding notes to finance a portion of the state's current and existing obligations to KTRS. As such, the rating agencies considered the KTRS funding notes a form of deficit financing, which is viewed negatively from a credit perspective.

Evaluating the Financial Health of the Plans

There are two statistics that are commonly cited in examining the financial health of a retirement plan: (1) the plan's unfunded actuarially accrued liability, which is the liability for employee service that has already been earned that is not covered by the plan's assets; and (2) the plan's funding level, which is the ratio of actuarial assets to actuarially accrued liabilities.

Table 14 shows the unfunded liabilities and funding ratios for the KERS (Non-Hazardous and Hazardous) and KTRS plans as of June 30, 2014. The plans' 2015 actuarial valuations will not be available until later in the year.

Table 14: KERS and KTRS Unfunded Liabilities and Funding Ratios

| | KERS Non-Hazardous | KERS Hazardous | KTRS |
|--|-------------------------------|---------------------------|-------------|
| Pension Fund | | | |
| Actuarial liability (\$ billions) | 11.550 | 0.817 | 30.184 |
| Actuarial value of assets (\$ billions) | 2.424 | 0.528 | 16.174 |
| Unfunded liability (actuarial liability minus actuarial assets) | (9.126) | (0.289) | (14.010) |
| Funding level (actuarial assets divided by actuarial liability) | 21.0% | 64.6% | 53.6% |
| Insurance Fund | | | |
| Actuarial liability (\$ billions) | 2.227 | 0.397 | 3.195 |
| Actuarial value of assets (\$ billions) | 0.621 | 0.419 | 0.509 |
| Unfunded liability (actuarial liability minus actuarial assets) | (1.606) | 0.022 | (2.686) |
| Funding level (actuarial assets divided by actuarial liability) | 27.9% | 105.6% | 15.9% |

Source: 2014 Actuarial Valuations.

Note: The above does not reflect the GASB 67 (plan financial reporting – effective fiscal year 2014 – included in KRS’s and KTRS’s CAFRs) and GASB 68 (issuer financial reporting – effective fiscal year 2015) standards; which include Net Pension Liability (NPL), carried on the balance sheet rather than reported in the notes in financial statements, replacing Unfunded Actuarial Accrued Liability (UAAL) as a measure of pension underfunding; blended discount rate based upon a 20-year tax-exempt municipal bond rate after depletion, if a depletion date is identified, to calculate NPL; and fair market reporting of plan assets. Depletion is assumed for KTRS in 2036, resulting in a blended discount rate of 5.23% under GASB 67/68. As full ARC payments were funded, commencing in fiscal year 2015, depletion is not assumed for KERS.

On June 16, 2015, the KTRS Funding Workgroup was established by executive order to address KTRS’s funding shortfall, with its recommendations to be submitted to the Governor on or before December 1, 2015.

Effect of Pension Funding on Kentucky’s Credit Ratings

Unfunded pension liabilities were a contributing factor to Fitch’s downgrade of Kentucky’s General and Road Fund appropriation-supported debt ratings in November 2012 and S&P’s downgrade of Road Fund appropriation-supported debt in June 2015. Unfunded pension liabilities were the primary factor in S&P’s downgrade of the Commonwealth’s issuer credit rating and General Fund appropriation-supported debt in September 2015, in which the downgrade “reflects our view of Kentucky’s substantially underfunded pension liabilities that are the result of chronic underfunding and that we view as placing long-term pressures on the state’s finances”. While Moody’s revised its ratings outlook from negative to stable in June 2014 for the Commonwealth’s issuer rating and appropriation-supported debt, declining pension system funded levels are also referenced in its ratings actions.

According to Moody’s *Fiscal 2013 Pension Medians* report, based upon its calculation of adjusted net pension liability (ANPL) – “a measure that adjusts reported liabilities by discounting at a bond market interest rate...”:

The median ratio of ANPL-to-governmental-revenue decreased to 60.3% for fiscal 2013 from 63.9% in fiscal 2012. Improvement in this affordability measure was due in part to increasing revenues for most states in fiscal 2013, with growth averaging 3.6%. However, some states remain outliers on this measure, with ANPL to revenue ratios at least three times the median.Illinois, Connecticut, and Kentucky had ratios of 268.3%, 236.0% and 193.2%, respectively.¹⁰

As **Table 15** illustrates, Kentucky also ranks in the top quintile when ANPL is considered relative to the state’s personal income, state GDP, and population.

**Table 15: Moody’s Adjusted Net Pension Liabilities
 Relative to Economic Indicators**

| | Kentucky | Ranking | Mean | Median |
|---|----------|-----------------|---------|---------|
| ANPL as a percent of personal income | 24.6% | 4 th | 9.9% | 7.7% |
| ANPL as a percent of state GDP | 21.3% | 4 th | 8.3% | 6.0% |
| ANPL per capita | \$8,895 | 6 th | \$4,477 | \$3,010 |

Source: Moody’s Investors Service, *Fiscal 2013 Pension Medians*, November 2014.

¹⁰ Moody’s Investors Service, *Fiscal 2013 Pension Medians*, November 20, 2014.

PART FOUR: REVENUES SUPPORTING THE COMMONWEALTH’S DEBT

According to the National Bureau of Economic Research, the economy was in a recession from December 2007 to June 2009.¹¹ Kentucky has had five consecutive fiscal years of General Fund revenue growth, following declines in FY 2009 and FY 2010. For fiscal year 2015, the individual income, sales and use, corporation income, and limited liability entity taxes increased by an aggregate amount of \$533.8 million with the rest of the General Fund revenue sources declining by an aggregate amount of \$29.2 million for an overall 5% increase from fiscal year 2014. As of August 13, 2015, the Consensus Forecasting Group was predicting further increases in General Fund receipts through fiscal year 2020, ranging from 2.1% to 3.2% per annum.

Table 16 below shows General Fund revenues for FY 2014 and FY 2015.

Table 16: General Fund Revenues, FY 2014 and FY 2015 (\$ millions)

| | FY 2014 | FY 2015 |
|-------------------------------------|---------|---------|
| Sales and Use | 3,131.1 | 3,267.3 |
| Individual Income | 3,749.3 | 4,069.5 |
| Corporation Income | 475.1 | 528.1 |
| Limited Liability Entity Tax | 199.3 | 223.8 |
| Coal Severance | 197.5 | 180.3 |
| Cigarette Tax | 228.1 | 220.9 |
| Property | 562.4 | 563.4 |
| Lottery | 219.5 | 221.5 |
| Other | 699.7 | 691.8 |
| Total | 9,462.0 | 9,966.6 |

Source: Presentation to the Consensus Forecasting Group, August 13, 2015.

Table 17 shows Road Fund revenues for FY 2014 and FY 2015.

Table 17: Road Fund Revenues, FY 2014 and FY 2015 (\$ millions)

| | FY 2014 | FY 2015 |
|--------------------------------|---------|---------|
| Motor Fuels | 886.2 | 850.3 |
| Motor Vehicle Usage | 443.0 | 432.8 |
| Motor Vehicle License | 101.9 | 107.6 |
| Motor Vehicle Operators | 16.2 | 16.0 |
| Weight Distance | 76.9 | 79.1 |
| Investment Income | 4.0 | 2.9 |
| Other | 32.3 | 38.1 |
| Total | 1,560.5 | 1,526.7 |

Source: Presentation to the Consensus Forecasting Group, August 13, 2015.

¹¹ National Bureau of Economic Research, *Announcement of the June 2009 Business Cycle Trough*, September 20, 2010.

The CFG's planning estimates show modest Road Fund growth after an anticipated further decline in receipts from fiscal year 2015 to fiscal year 2016. Over 80 percent of the Road Fund's receipts derive from two sources: (1) the motor fuels tax, and (2) the motor vehicle usage tax.

The decrease in motor fuels tax collections have been driven by decreases in the motor fuels tax rate, which is tied to changes in the average wholesale price (AWP) of fuel. House Bill 299 (2015 Regular Session) froze the AWP in fiscal year 2016 at \$2.177 per gallon and, beginning in fiscal year 2017; changed the calculation of the AWP from quarterly to annually, raised the AWP floor from \$1.786 to \$2.177 per gallon, and limited the increases and decreases of the AWP to 10% from the prior year. This action was viewed as a credit positive by Moody's¹² and OSBD estimates revenue preservation of \$105 million.

The motor vehicle usage tax was impacted by the codifying of the trade-in credit for new vehicle purchases. The fiscal year 2015 impact was \$45.8 million.

¹² Moody's Investors Service, *Kentucky Legislature Intervenes to Prevent Gas Tax Decrease, a Credit Positive for Road Fund Bonds*, April 3, 2015.

CONCLUSION

Public projects are often financed by issuing debt when the benefits produced by the project exceed the cost of the project and the cost of borrowing the funds to finance the project. The cost of financing a project is based largely on the market's perception of the likelihood that the state will meet its obligations, with greater risk of not meeting those obligations requiring higher interest costs. Market participants consider various factors in evaluating the state's creditworthiness, which include:

- The amount of debt a state issues relative to its revenues or measures of the state's economy;
- Whether the state maintains a structurally balanced budget and has plans for funding long-term obligations; and
- The degree to which the state builds reserves to address unexpected expenditures or declines in revenues.

Kentucky's near-term financial picture has significantly improved since the recession. The state has experienced revenue growth for five consecutive fiscal years and the Commonwealth is rebuilding reserves that were depleted during the recent economic downturn (the current year \$146 million deposit to the BRTF is the largest in its history). However, Kentucky has been penalized by the rating agencies; however, for its high debt burden and unfunded pension liabilities relative to other states using various debt indicators.

APPENDIX A: GENERAL FUND, ROAD FUND, AND AGENCY FUND REVENUE ASSUMPTIONS

General Fund Revenue Assumptions (\$ millions)

| | FY 2015 (Actual) | FY 2016 (Estimate) | FY 2018 (Estimate) |
|-------------------------------------|---------------------|-----------------------|-----------------------|
| Sales and use | 4,069.5 | 4,243.6 | 4,496.0 |
| Individual income | 3,267.3 | 3,377.7 | 3,656.9 |
| Corporation income | 528.1 | 568.1 | 593.8 |
| Limited liability entity tax | 223.8 | 219.8 | 221.6 |
| Coal severance | 180.3 | 144.4 | 127.8 |
| Cigarette tax | 220.9 | 214.6 | 201.3 |
| Property | 563.4 | 573.0 | 598.7 |
| Lottery | 221.5 | 232.0 | 241.0 |
| Other | 691.8 | 713.2 | 728.4 |
| Total General Fund | 9,966.6 | 10,286.4 | 10,865.5 |
| MSA | 61.9 | 88.3 | 85.7 |
| Total General Fund and MSA | 10,028.5 | 10,374.7 | 10,951.2 |

Source: Consensus Forecasting Group Planning Estimates, adopted August 13, 2015.

Road Fund Revenue Assumptions (\$ millions)

| | FY 2015 (Actual) | FY 2016 (Estimate) | FY 2018 (Estimate) |
|--------------------------------|---------------------|-----------------------|-----------------------|
| Motor fuels | 850.3 | 738.3 | 745.8 |
| Motor vehicle usage | 432.8 | 444.1 | 486.4 |
| Motor vehicle license | 107.6 | 104.9 | 107.6 |
| Motor vehicle operators | 16.0 | 16.2 | 16.2 |
| Weight distance | 79.1 | 78.6 | 83.1 |
| Investment | 2.9 | 1.5 | 6.5 |
| Other | 38.1 | 35.6 | 35.4 |
| Total Road Fund | 1,491.6 | 1,419.2 | 1,481.0 |

Source: Consensus Forecasting Group Planning Estimates, adopted August 13, 2015.

Agency Fund Revenue Assumptions

| | FY 2015 (Actual) |
|--|----------------------|
| University of Kentucky | 2,191,398,473 |
| University of Louisville | 216,502,313 |
| Eastern Kentucky University | 271,236,080 |
| Kentucky State University | 35,776,029 |
| Morehead State University | 89,545,044 |
| Murray State University | 129,205,595 |
| Northern Kentucky University | 172,890,184 |
| Kentucky Community and Technical College System | 225,706,751 |
| Western Kentucky University | 236,945,076 |
| Less: | |
| Western Kentucky University Diddle Arena debt service | (2,555,980) |
| Murray GO Wellness Center debt service | (599,475) |
| Total University Agency Receipts | 3,566,050,090 |
| Other Agency Revenue Funds | 1,493,473,294 |
| Plus Enterprise Fund Revenues Collected: | |
| State Parks Fund | 48,948,526 |
| State Fair Board Fund | 43,990,998 |
| Kentucky Horse Park Fund | 12,305,107 |
| Total Agency Fund Revenue Assumptions | 5,164,768,016 |

Source: Statewide Accounting System.

**APPENDIX B: KENTUCKY’S GROSS DEBT, NET TAX-SUPPORTED DEBT,
 INDIRECT AND MORAL OBLIGATION DEBT (AS OF DECEMBER 31, 2014)
 (MOODY’S 2015 STATE DEBT MEDIANS)**

| | |
|---|---------------------|
| Lease Appropriation | |
| State Property and Buildings Commission (General Fund) | \$3,463,455 |
| State Property and Buildings Commission (Road Fund) | 71,960 |
| State Property and Buildings Commission (Agency Fund non University) | 93,525 |
| Kentucky Turnpike Authority (Road Fund) | 1,454,515 |
| School Facilities Construction Commission (General Fund) | 911,569 |
| University (General Fund) | 4,180 |
| Kentucky Infrastructure Authority (excludes Gov Agencies program) | 8,160 |
| Energy Savings Performance Contracts (State Agencies) | 74,050 |
| Asset/Liability Commission (General Fund) | 847,770 |
| Asset/Liability Commission (Road Fund) | - |
| Asset/Liability Commission (Agency Fund non University) | 7,700 |
| <u>Lease Obligation Sub-total</u> | <u>\$6,936,884</u> |
| Other | |
| Jails (Court fee pledge) | - |
| AOC Court Facility Debt (State Share Only) | 782,469 |
| LFUCG Eastern State Hospital, Series 2011 A | 134,460 |
| University (Agency Fund / Intercept) | 445,635 |
| Energy Savings Performance Contracts (Universities w/State Intercept) | - |
| ALCo Garvees (Federal Highway Trust Fund) | 625,115 |
| School Facilities Construction Commission (Local Portion / Intercept) | 2,605,752 |
| <u>Sub-total</u> | <u>4,593,431</u> |
| GROSS DEBT | \$11,530,315 |
| Less | |
| University (Agency Fund / Intercept) | (445,635) |
| School Facilities Construction Commission (Local Portion / Intercept) | (2,605,752) |
| <u>Sub-Total</u> | <u>(3,051,387)</u> |
| Net Tax-Supported Debt | \$8,478,928 |
| Indirect Debt & Moral Obligation | |
| School Facilities Construction Commission (Local Portion / Intercept) | - |
| University (General Receipts Agency Fund UK/UL) | 673,814 |
| Energy Savings Performance Contracts (University w/o State Intercept) | 37,499 |
| State Property and Buildings Commission (Agency Fund UK/UL) | 11,250 |
| Asset/Liability Commission (Agency Fund UK/UL) | 176,630 |
| KY Housing Corporation (Moral Obligation) | 1,078,364 |
| KY Student Loan Corporation (Moral Obligation) | 47,600 |
| KERS UAAL Pension | 9,853,500 |
| KERS UAAL OPEB | 1,661,800 |
| KTRS UAAL Pension | 14,010,200 |
| KTRS UAAL OPEB | 2,687,000 |
| <u>Total Indirect & Moral Obligation Debt</u> | <u>30,237,657</u> |
| Total Gross & Indirect Debt | \$41,767,972 |

Notes:

State intercept for school districts and universities are included in 2014 median gross debt calculations.
 University general receipts debt does not impact net or gross tax supported calculations if rating does not rely on the intercept.
 Affiliated university debt is considered a credit of the university, but not subject to intercept and excluded from state net and gross calculations.
 AOC data last updated in January 2015.
 Excludes short-term state agency operating leases.

APPENDIX C: RATINGS DEFINITIONS

Ratings reflect a credit rating agency's opinion of a state's creditworthiness relative to other borrowers in the financial markets. Ratings below Baa3/BBB-/BBB- are considered speculative credits ("junk bonds").

The rating agencies also assign "positive," "stable," and "negative" outlooks to their ratings that indicate the direction the rating is likely to move in over an intermediate time period. A negative outlook indicates a higher likelihood of a downgrade in the state's credit rating. A positive outlook indicates a higher likelihood of an upgrade in the state's credit rating. The outlooks indicate that there are trends affecting a credit that have not yet reached a level warranting a change in the state's credit rating, but may if the trends continue.

Moody's Investors Service

- Aaa** Highest quality, minimal credit risk.
- Aa** High quality, very low credit risk.
- A** Upper-medium grade, low credit risk.
- Baa** Medium grade, moderate credit risk.
- Ba** Involves speculative elements, substantial credit risk.
- B** Speculative, very high credit risk.
- Caa** Of poor standing, very high credit risk.
- Ca** In or near default, some likelihood of principal and interest recovery.
- C** Typically in default, very little likelihood of principal and interest recovery.

Moody's also adds the numerical modifiers 1, 2, and 3 to each rating category through Caa. The modifier 1 means the issuer ranks in the higher end of that category; 2 is a mid-range ranking; and 3 means the issuer ranks in the lower end of the category.

Standard and Poor's

- AAA** Highest credit rating. Issuer has extremely strong capacity to meet its financial commitments.
- AA** Issuer has very strong capacity to meet its financial commitments.
- A** Issuer has strong capacity to meet its financial commitments, but is susceptible to economic events.
- BBB** Issuer has adequate capacity to meet its commitments, which may be reduced by economic events.
- BB** Issuer is facing major ongoing uncertainties and exposure to economic events.
- B** Issuer is currently able to meet its financial commitments, but its capacity to do so may be adversely affected by economic events.
- CCC** Issuer's capacity to meet financial commitments is vulnerable to conditions.
- CC** Issuer is currently highly vulnerable.
- SD/D** Issuer is in default or is expected to default on its financial commitments.

S&P modifies its ratings with a plus or minus to distinguish between higher and lower ranked credits within each category.

Fitch Ratings

- AAA** Highest credit quality. Indicates the lowest expectation of default risk. Issuer has exceptionally strong capacity to meet its obligations.
- AA** Very high credit quality. Very low expectation of default. Strong capacity to meet obligations.
- A** High credit quality. Low default risk. Strong capacity to meet obligations, but vulnerable to economic conditions.
- BBB** Good credit quality. Low default risk. Adequate capacity to meet obligations, but vulnerable to economic conditions.
- BB** Speculative credit quality. Some default risk.
- B** Highly speculative. Material default risk.
- CCC** Substantial credit risk. Default is real possibility.
- CC** Very high levels of default risk.
- C** Exceptionally high levels of default risk.
- D** In default.

Fitch modifies its ratings with a plus or minus to distinguish between higher and lower rated credits within each category.