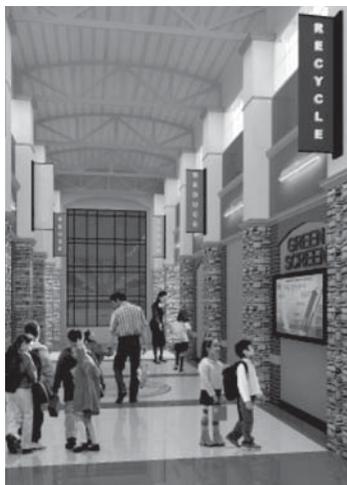


2012-2018 Statewide Capital Improvements Plan

Capital Planning Advisory Board
of the Kentucky General Assembly

November 2011



Capital Planning Advisory Board

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of the Kentucky General Assembly**

November 2011

Legislative Research Commission
Frankfort, Kentucky
lrc.ky.gov

Paid for with state funds. Available in alternate form by request.

Contents

Summary	v
Policy Recommendations	
Postsecondary Education—Balanced Capital Investment Approach	1
Capital Planning for Information Technology Systems.....	3
State Agency Maintenance Pools.....	5
Budget Reserve Trust Fund	7
Study of Kentucky’s Debt Policies and Practices.....	9
Project Recommendations	
Projects To Be Financed From State Funds	13
Projects To Be Financed From Other Than State Funds.....	27
Status of Major State-funded Construction Projects	31
Comprehensive Listing of Proposed Projects	37
Appendix A: KRS Chapter 7A	119
Appendix B: Report of the Commonwealth Office of Technology.....	125
Appendix C: Report of the Council on Postsecondary Education.....	141
Appendix D: Report on Kentucky’s Bonded Indebtedness.....	157

Summary



2012-2018 Statewide Capital Improvements Plan

Summary

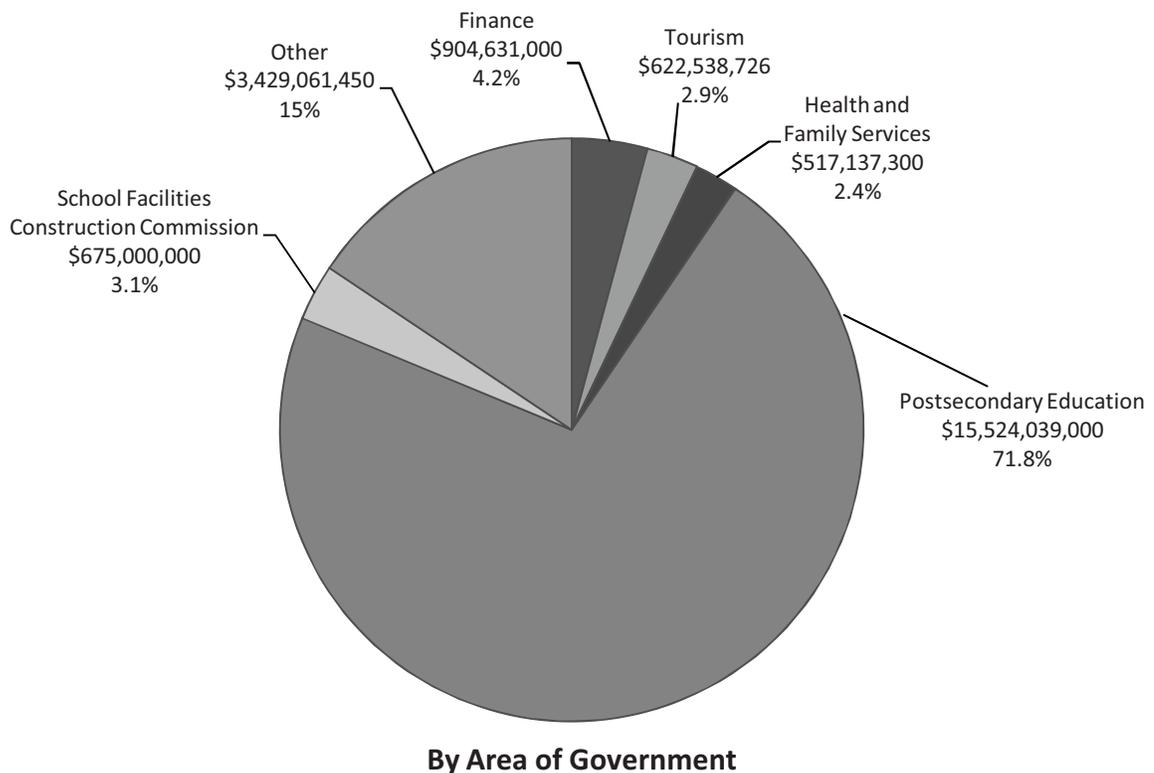
The Capital Planning Advisory Board's *2012-2018 Statewide Capital Improvements Plan* focuses on providing the facilities, technology, and equipment that will allow state services to be provided to the citizens of the Commonwealth in an efficient and effective manner. To meet these objectives, the plan contains a series of policy and project recommendations.

The state is currently responsible for managing or administering approximately 82 million square feet of space. 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 educational facilities, penal institutions, juvenile detention and treatment centers, park lodges, and other recreational/conference facilities.

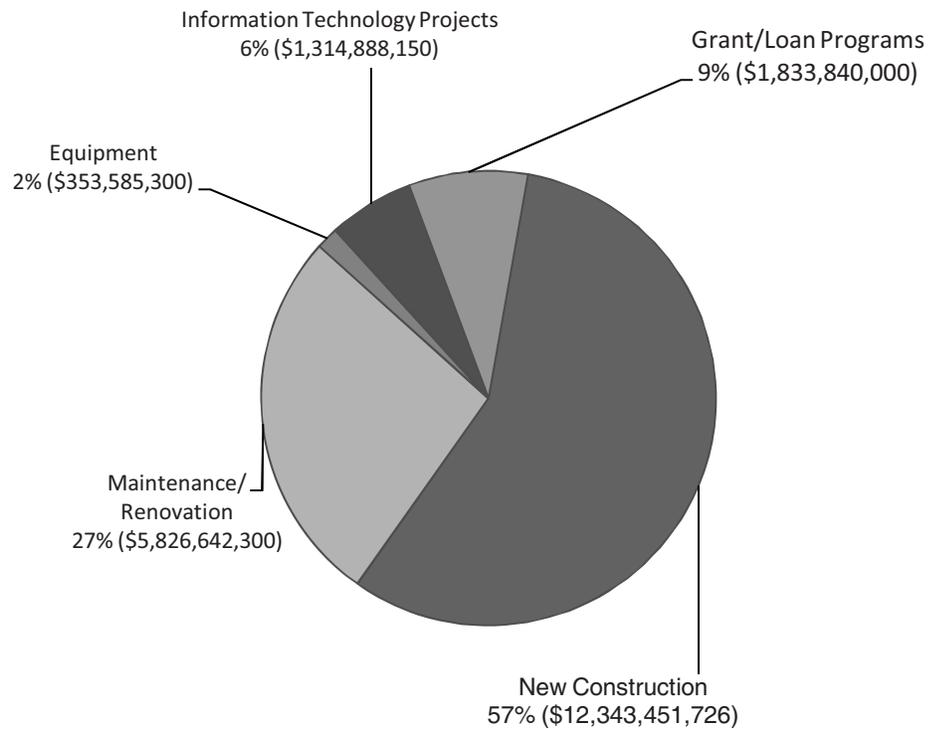
The 2012-2018 capital plans submitted by the state agencies and postsecondary institutions, including the judicial branch, reported the need for projects totaling approximately \$21.7 billion *from all fund sources* over the next 6 years.

The following chart reflects the project needs by area of government.

Total - \$21,672,407,476
(all fund sources)



For the 6-year period, agency capital plans reflect the need for approximately \$12.3 billion for construction projects such as new facilities and expansions; \$5.8 billion for maintenance and renovation of existing facilities; \$354 million for equipment; \$1.3 billion for information technology projects; and \$1.8 billion for the grant and loan programs that provide assistance to nonstate entities for water and sewer infrastructure, schools, and economic development.



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 3 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 3 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 2012-2018 capital planning process began with the board’s June 2010 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, information about projects that were recently completed or are currently under way, and information about projects that are proposed to be undertaken during the upcoming 6 years.

The plans were submitted on April 15, 2011, using a Web-based system developed by the LRC Office of 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 May through September. 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 project recommendations from the Council on Postsecondary Education and the Commonwealth Office of Technology.

Policy Recommendations



**2012-2018
Statewide Capital Improvements Plan**

Policy Recommendation
Postsecondary Education—Balanced Capital Investment Approach

The board recommends that the governor and the General Assembly use a balanced funding approach between new construction and capital renewal when deciding on capital project funding for postsecondary education institutions.

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 postsecondary facilities, commissioned by the Council on Postsecondary Education and the institutions, was completed in April 2007. Vanderweil Facility Advisors, Inc. (VFA) was the prime contractor with Paulien and Associates and the National Center for Higher Education Management Systems, completing sections of the report addressing space adequacy/capacity and financing, respectively.

For the facilities assessed, that report identified a current backlog of deferred renewal needs totaling approximately \$2 billion systemwide and additional needs totaling \$3.35 billion through the year 2021. These figures address only education and general facilities, which are primarily

classroom, research, and other academic-related spaces on campus.

Over the past four biennial budgets, about \$72 million in General Fund-supported bond projects has been appropriated for capital renewal, maintenance, and renovation purposes, out of \$1 billion in total General Fund-supported bond appropriations for postsecondary education institutions.

With some exceptions, the budget process has often resulted in each university receiving its highest preferred new construction project. This budgeting approach does not result in capital renewal, maintenance, and renovation projects receiving much attention.

The documented inventory of capital renewal needs, evidenced in the 2007 VFA study, combined with the overwhelming dearth in state funding for capital renewal, compared to new construction and university endowments, provides a basis for a more balanced approach to address the capital needs of postsecondary education institutions.

Policy Recommendation
Capital Planning for Information Technology Systems

The Capital Planning Advisory Board recommends that the planning and funding decisions for capital information technology systems fully incorporate all elements of the Total Cost of Ownership, including the operating costs needed to implement and support the system.

The board fully supports and endorses the recommendation from the Commonwealth Office of Technology (COT) that planning and funding decisions for capital information technology systems fully consider the Total Cost of Ownership in addition to the proposed project cost.

The Total Cost of Ownership, for an information technology system under consideration, should include infrastructure

costs such as servers and switches, routers, repeaters, cabling, antennas, and other devices which allow secure service delivery from the Commonwealth's data and voice networks. Other infrastructure costs to be included in the Total Cost of Ownership are the cost of software maintenance and upgrades; staffing, contractors, and support; and other ongoing costs of operating the system for the life of the system.

**Policy Recommendation
 State Agency Maintenance Pools**

The Capital Planning Advisory Board recommends that in each biennium, sufficient funding be appropriated for agencies' 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 the various 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 (currently \$600,000). Over the last six biennia, 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	10.8	19.0	29.8
2010-12	9.3	18.5	25.8

The board has long identified adequate amounts for agency miscellaneous maintenance pools as a top priority for funding in the biennial budget. It has been noted that these relatively small expenditures can keep small items from escalating into major maintenance or renovation needs.

As a long-standing executive and legislative policy, Capital Construction Investment Income has been the principal 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.

Despite significant increases in construction costs over the last several years, total maintenance pool funding remained essentially the same (approximately \$30 million each biennium) from 2004-2010.

The 2010-12 budget has continued the practice of complete or partial bond-funded agency maintenance pools. 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 LRC Capital Projects and Bond Oversight Committee.

The 2010-12 budget includes bond-funded maintenance pools for the Finance and Administration Cabinet; the Cabinet for Health and Family Services; the Justice and Public Safety Cabinet; and the Tourism, Arts, and Heritage Cabinet.

**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 board has consistently recommended that the Budget Reserve Trust Fund be adequately funded in accordance with the provisions of KRS 48.705.

The Budget Reserve Trust Fund was formally established by House Bill 2, as enacted by the 1995 Special Session of the General Assembly and codified as KRS 48.705. It provides for the Budget Reserve Trust Fund 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.

National agencies that rate state bonds have indicated that the existence of a reserve fund in an amount equal to 3 percent to 5 percent of revenues demonstrates a “best effort” to prepare a state for fiscal uncertainties. Kentucky’s commitment to funding for the Budget Reserve Trust Fund was a factor in rating upgrades and the state’s strong credit rating in the late 1990s.

The following chart shows balances in the fund at the end of each biennium since 1996.

Biennium	Balance	As percent of Revenues
1994-1996	\$200,000,000	3.8
1996-1998	200,000,000	3.4
1998-2000	239,300,000	3.8
2000-2002*	0	0.0
2002-2004	50,800,000	0.7
2004-2006	119,000,000	1.4
2006-2008	231,500,000	2.6
2008-2010	0	0.0
2010-2012**	0	0.0

*At the beginning of the 2000-02 biennium, the Budget Reserve Trust Fund had a balance of \$278.6 million, representing 4.1 percent of General Fund revenues—the first time the fund had exceeded 4 percent. However, it was used to address revenue shortfalls, leaving a zero balance by the end of fiscal budget 2000-02.

**At the beginning of FY 2012, the state made a \$121.8 million deposit to the Budget Reserve Trust Fund from fiscal year 2011 General Fund surplus, as directed in the General Fund Surplus Expenditure Plan in 2010 Extraordinary Session House Bill 1. While the fund has had higher balances, this represents the single largest deposit that has been made in the fund’s history.

Policy Recommendation **Study of Kentucky's Debt Policies and Practices**

The Capital Planning Advisory Board recommends that the 2012 General Assembly establish a task force composed of representatives of the executive and legislative branches to review Kentucky's debt issuance processes and approaches to debt capacity. Subjects to be addressed by the task force should include the approach used to determine the amount of debt that should be issued by the Commonwealth, the types of projects for which debt is the appropriate funding mechanism, the structuring of guidelines for debt, including appropriate terms and covenants, and the alternatives to address the capital needs of the postsecondary institutions.

Debt Capacity Task Force—In 1988, the General Assembly enacted House Joint Resolution 57 that established a task force “to study and recommend a state debt capacity model and debt limits.” Members of the task force included officials of both the executive and legislative branches. Various recommendations of the task force were enacted into statute including 1) requirements for the additional reporting of debt indicators in the annual state debt report and the executive branch budget recommendations and 2) establishment of a Capital Planning Advisory Board to provide an assessment of capital needs in order to evaluate the needs for debt issuance. The task force also discussed setting limits on the amount of state appropriation-supported debt that can be issued.

Six Percent Guideline—In developing the biennial state budget, the executive and legislative branches attempt to adhere to a guideline calling for debt service on appropriation-supported debt to be no more than 6 percent of total General Fund, Road Fund, and Restricted Fund revenues. While the rating agencies tend to consider other measures of the state's debt levels (such as the ratio of debt to personal income and debt per capita), there is also an expectation that Kentucky will stay within the 6 percent level.

Expansion of Bond-financed Projects—In recent years, the state has been authorized to use state debt to finance an expanding range of projects beyond building state facilities and road construction, which have been the items traditionally funded from this source. This expansion has included funding for information technology equipment and systems, and funding for economic development initiatives. In both instances, the life cycle or benefits derived from the items funded may not be as long as the commitment to the bonds issued to finance them. Other expansions in the use of bond funding include financing for local government projects and funding for agency miscellaneous maintenance pools typically used for small construction or repair projects.

Funding Commitments Not Involving the Issuance of State Bonds—In recent years, the state has increased its authorization of projects not funded through the traditional issuance of state bonds, but for which it makes long-term funding commitments. These include energy savings performance contracts and significant capital programs to construct court facilities.

Postsecondary Education Debt—Because agency bonds and agency revenues are factored into the 6 percent debt calculation,

the effect has been that these agency bonds compete for authorization with proposed General Fund and Road Fund supported debt. This has resulted in the institutions seeking alternative, off-budget approaches to debt issuance such as third-party financing.

In recent sessions of the General Assembly, legislation has been introduced that would provide a process for postsecondary institutions to issue auxiliary enterprise bonds upon General Assembly authorization. (Auxiliary enterprises are activities that are self-supporting based on revenues from fees charged to users, such as housing, dining, and hospital operations.) The proposed legislation also stated that auxiliary enterprise debt and revenues would not be considered in the calculation of the state's debt capacity. Consequently, under

this legislation, proposed bonding for auxiliary enterprises would not be competing for authorization against proposed debt supported by the General Fund and Road Fund.

The state's debt policies and debt capacity methodology have not been reviewed systematically by the executive and legislative branches in more than 20 years.

Since the last review, numerous factors relative to Kentucky's issuance of debt have changed (such as volume of debt and types of projects). Criteria used by the rating agencies have also evolved since the last review. For example, other than bonded indebtedness, there is an increased emphasis in the rating process on a state's long-term commitments (such as pension obligations and Medicaid expenditures).

Project Recommendations



2012-2018 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 that 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 2012-14 capital 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 2012-2018 capital plan. As such, the board recommends that funds be appropriated to each of the 3 pools established in KRS Chapter 45 to address capital project needs throughout state government. The amount recommended is consistent with the Finance and Administration request of \$12,500,000 for the FY 2012-14 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 2012-14 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 2012-2018 capital plans, the agencies have identified the need for a total of about \$209

million for maintenance pools over the 6-year period. In the first biennium alone, the request for maintenance pool funding totals \$73 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.

State Agency Information Technology Infrastructure Replacement Schedules

The board also recommends that funds be provided, as appropriate, to address the need to upgrade and replace the infrastructure for information technology. The programs and services of the Commonwealth are increasingly performed by the use of computers, databases, and online applications. The ability to continue to meet those service needs with the necessary infrastructure becomes more difficult each biennium. The board further recommends that funding be appropriated on a regular basis to allow agencies to establish and maintain infrastructure 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 other renovations.

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

Grant and Loan Programs

Various agencies have proposed significant funding for 2012-14 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.)

Capital Renewal and Deferred Maintenance Pool–KCTCS
Capital Renewal and Maintenance Projects Pool–Kentucky State University
Capital Renewal Maintenance Pool–University of Kentucky
Capital Renewal Pool–University of Louisville
Capitol and Capitol Annex Terrace Repairs–Finance and Administration Cabinet
Commonwealth Parking Garage Repair–Tourism, Arts, and Heritage Cabinet/State Fair Board
Connect to Metropolitan Sewer District KCIW–Department of Corrections
Elevator Project and Wing Renovation THVC–Department of Veterans Affairs
Parking Garage Maintenance–Economic Development Cabinet
Renovate HVAC Systems–Eastern Kentucky University
Renovate Locks 1 Through 4–Kentucky River Authority
Repair Site Infrastructure Capital Plaza Complex–Finance and Administration Cabinet
Repair Structural Heaving Landrum and Fine Arts–Northern Kentucky University
Replace Underground Steam and Electric Infrastructure–Western Kentucky University
Replace, Upgrade, and Enhance Generators at Oakwood–Cabinet for Health and Family Services
Roof Repair and Replacement Pool 2012–Kentucky State University
Upgrade Campus Electrical Distribution System–Murray State University
Upgrade Electric and Emergency Power at Western State Hospital–Cabinet for Health and Family Services
Upgrade Guest Accommodations–Department of Parks
Upgrade Wastewater System at Fort Boonesborough–Department of Parks

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 2012-14 budget:

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

Case Management System–Justice and Public Safety Cabinet/Department of Public Advocacy
E-Case and Docket Management System Phase I–Kentucky Court of Justice
Enhance Network/Infrastructure Resources–Morehead State University
Enterprise Identity and Access Management–Commonwealth Office of Technology
Facility Information System Phase I–Cabinet for Health and Family Services

Integrated Database and Information System–Public Protection Cabinet/KY Horse Racing Commission
Kentucky Medicaid Eligibility System–Cabinet for Health and Family Services
Kentucky Virtual Library Infrastructure Rebuild–Council on Postsecondary Education
Mine Safety, Licensing, and Mapping Application–Energy and Environment Cabinet
Upgrade Campus Phone and Data Network–Murray State University
Upgrade Information Technology Infrastructure–Kentucky State University
Upgrade Information Technology Infrastructure–Western Kentucky University

Recognizing that **new construction** may also be needed to facilitate the delivery of state services, the board recommends the following for funding in the 2012-14 budget:

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

Construct Allied Health/Science Building at Hopkinsville Community College–KCTCS
Construct/Complete New Science Complex, Final Phase–Murray State University
Construct E&G Life Safety Begley Elevator–Eastern Kentucky University
Construct Health Innovation/Renovate Old Science–Northern Kentucky University
Construct Medical Examiner Office/Jefferson Lab–Justice and Public Safety Cabinet
Construct Pedestrian Bridge Across US 60–Kentucky State University
Construct Replacement HRO Building, Frankfort–Department of Military Affairs
Construct Science Building Phase II–Eastern Kentucky University
Construct Science Research Building 2–University of Kentucky
Construction of Judicial Center in Nicholas County–Kentucky Court of Justice
Expand and Renovate Betty White Nursing Building–Kentucky State University
Expand Libraries and Archives Building–Department for Libraries and Archives
Renovate New Academy Building and Grounds–Kentucky State Police
Splash Park Development Pool, Various Parks–Department of Parks
State-Owned Dam Repair Pool–Energy and Environment Cabinet

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)**

Capital Renewal and Deferred Maintenance Pool–KCTCS **\$38,000,000**

The intent of this project is to provide KCTCS a source of funds to address the replacement of building systems, i.e. roofs, HVAC systems, and electrical systems that have reached or exceeded their expected useful lives. These projects are known as capital renewal. In addition, the pool will be used to fund major maintenance projects that have not exceeded expected useful lives but which must be replaced or repaired because funding to maintain the systems over the course of their lives has been deferred causing premature system failure. Finally, the pool will be used to fund projects that must be undertaken to achieve compliance with ADA guidelines, life safety codes, environmental codes, and other government mandates.

Capital Renewal and Maintenance Projects Pool–Kentucky State University **\$2,110,000**

Repair and replacement of old roofs need to be addressed. Providing attention to these roofs is critical to a safe, healthy indoor environment and the continued use of the facility. Replacement of roofs is based on the total repair or replacement roof area of 237,593 square feet

Capital Renewal Maintenance Pool–University of Kentucky **\$33,750,000**

This project will establish a pool of funds for needed maintenance projects not funded in the operating budget and deferred to a future period.

Capital Renewal Pool–University of Louisville **\$24,083,000**

The Capital Renewal Pool will allow the university to address approximately 10 types of projects: roof replacement, windows, exterior building upgrades, interior building upgrades, walking surfaces, electrical upgrades, data collection and security panels, emergency generators, mechanical upgrades, and carpet/floor tile.

Capitol and Capitol Annex Terrace Repairs

Finance and Administration Cabinet **\$2,518,000**

This project would make repairs to the Capitol Terrace and the Capitol Annex Terrace to address leaks into the occupied and unoccupied areas underneath the terraces.

Commonwealth Parking Garage Repair

Tourism, Arts, and Heritage Cabinet/State Fair Board **\$2,000,000**

This garage has not had adequate maintenance or repair work done in numerous years. Hence, areas throughout the garage are in need of major repair. This past fall, while some minor repair work was under way, it was discovered that one section of the ramp leading to the lower levels had 5 of the seven post tension cables broken, thus leaving this ramp with only 30 percent of its structural capacity. Had this situation been left unattended, this could have led to a major structural failure.

Connect to Metropolitan Sewer District KCIW– Department of Corrections \$3,196,000

This project will allow the Kentucky Correctional Institute for Women (KCIW) to connect to the Metropolitan Sewer District and eliminate the need for an on-site treatment plant. The on-site treatment plant has reached its capacity of 125,000 gallons per day. The alternative is to replace the on-site plant with a facility designed to meet the needs of a population of 1,000 inmates with 250 staff.

Elevator Project and Wing Renovation THVC

Department of Veterans Affairs \$3,000,000

This project adds a freight elevator and elevator tower and replaces 3 original elevators at the Thomson-Hood Veterans Center (THVC) in Wilmore. Expensive repairs (on often obsolete parts) are required frequently. One or more elevators are down at any given time, limiting nonambulatory residents' access to the first floor, and creating unsafe conditions should the building need evacuation. This project would also update the Nurse Call System and the Wander Guard system (used to alert staff of wandering residents).

Parking Garage Maintenance–Economic Development Cabinet \$2,350,000

The cabinet owns four garages: Lexington Financial Center Garage, Vine Street Parking Garage, Covington City Center Parking Garage, and Sullivan Parking Garage. Other entities (either private management companies or local governments) manage the garages and have responsibility for the routine repairs. The garages range in age from 26 years to nearly 12 years since construction. Due to the age of some of these garages, the maintenance needs have become more substantial. The safety of these garages may be jeopardized if conditions continue on their current course without appropriate attention. The cabinet has never had a line item for repairs because the management entities have paid for repairs out of revenues or reserve accounts built from revenues.

Renovate HVAC Systems–Eastern Kentucky University \$10,000,000

More than half of EKU's current buildings were constructed in 1971 or earlier. While the university has made significant investment in maintaining building systems, many of those systems require major component replacement.

Renovate Locks 1 Through 4–Kentucky River Authority \$6,710,000

Repair of Locks 1 through 4 "in the wet" (no de-watering the lock chamber) including: remove and repair lock gate structural supports, face metal and hinge system, replacement of timbers which seal the gates from water leakage, renovation of the valves which fill and empty the lock chamber. Additionally, the abutments on the opposite bank from the locks at Dams 1 and 2 will be sloped and armored to prevent erosion and by-pass. This project will provide navigational access between Frankfort and the Ohio River.

Repair Site Infrastructure Capital Plaza Complex

Finance and Administration Cabinet \$2,500,000

The Capital Plaza site is in need of repairs to old systems. This project will address, but not be limited to, the following: repair heating, cooling, plumbing, electrical, concrete, and plaza deck elements/systems required to continue to have a safe and reliable operation of the Capital Plaza Complex.

Repair Structural Heaving Landrum and Fine Arts–Northern KY University \$6,400,000

This project provides for the elimination of the heaving of the slab-on-grade (or first floor) in an area of about 6,300 square feet in the west wing of Landrum Hall and an area of about 9,500 square feet in the Fine Arts Center. This is a life safety issue.

**Replace Underground Steam and Electric Infrastructure
Western KY University \$35,000,000**

This project completely renovates the existing electrical distribution infrastructure and will continue the replacement of campus underground steam lines. The steam line distribution will replace critical sections and replace production equipment in the Central Plant which has not been upgraded since the 1960s.

**Replace, Upgrade and Enhance Generators at Oakwood
Cabinet for Health and Family Services \$1,500,000**

This project will provide replacements, upgrades, and enhancements of emergency generators and transfer switch devices in multiple buildings at Oakwood. Additionally, providing a larger generator for building 600 will allow use of kitchen appliances in order to prepare meals for the residents during power outages that exist for extended periods of time and cause interruptions of normal mealtimes.

Roof Repair and Replacement Pool 2012–Kentucky State University \$6,506,000

This pool of funds will be used to replace roofs based on the total repair or replacement roof area of 99,087 square feet.

Upgrade Campus Electrical Distribution System–Murray State University \$11,600,000

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

**Upgrade Electric and Emergency Power at Western State Hospital
Cabinet for Health and Family Services \$8,000,000**

The electrical grid and interior wiring at Western State Hospital do not meet National Electrical Code or Licensure and Regulatory Standards. The existing circuits do not have an independent ground, and utilize wiring conduit as the ground. This causes significant issues with modern digital equipment which requires independent electrical grounds.

Upgrade Guest Accommodations–Department of Parks \$5,500,000

Room finishes and furnishings need to be updated to contemporary standards to provide appealing accommodations to guests. Climate control and air-quality issues need to be addressed to ensure customer comfort and safety. Televisions in all 1,200 accommodations need to be replaced to accommodate new broadcast standards, and cable service needs to be upgraded to digital-ready format.

Upgrade Wastewater System at Fort Boonesborough—Department of Parks \$1,350,000
Replace the existing 20,000-gallon wastewater treatment plant with a new 50,000-gallons-per-day plant. Explore possibility of connection with Municipal Sewer District across the river. Costs for both routes are similar.

Information Technology Projects

Case Management System–Justice and Public Safety Cabinet

Department of Public Advocacy

\$800,000

This “off the shelf” case management software package will allow DPA to meet the case-counting methods established by the Kentucky Bar Association Criminal Justice Subcommittee for AOC, prosecutors, and defenders.

E-Case and Docket Management System, Phase I–KY Court of Justice

\$28,132,000

The Kentucky Court of Justice processes more than 1 million cases each year. The current computerized case management system is well past its normal life expectancy and has become both functionally and technically obsolete. In order to avoid an eventual catastrophic system failure, provide greater access to information to both court staff and the legislature, and provide the foundation for electronic filing, the case management system must be replaced. In addition to replacing the current case management functionality, all data will be centralized and protected by redundant data centers. Network connections will be upgraded and augmented with redundant Internet VPN connections.

Enhance Network/Infrastructure Resources–Morehead State University

\$5,945,000

The university continues to have a great need to maintain modern, technologically up-to-date networking/infrastructure equipment for transmission of voice, data, and video signals. This project includes multiple items/systems related to the maintenance and improvements to the campus network infrastructure and systems.

Enterprise Identity and Access Management

Commonwealth Office of Technology

\$8,745,000

This initiative aligns with the Commonwealth’s key programs and will significantly simplify business processes for the large percentage of the citizens of the Commonwealth who interact with state services or the state portal, Kentucky.gov, while strengthening the state’s computing and network infrastructure, making it more safe, secure, and reliable.

Facility Information System Phase I–Cabinet for Health and Family Services

\$10,200,000

The current IT system is outdated and the contract for the pharmacy system has expired. To meet statutory requirements, a new combined pharmacy and electronic medical records system will allow the department’s facilities to electronically submit inpatient and outpatient data.

Integrated Database and Information System

Public Protection Cabinet/Kentucky Horse Racing Commission

\$1,531,000

This project is designed to create an integrated database and information system for the Kentucky Horse Racing Commission (KHRC). This project is needed to address the agency’s database and information system deficiencies. This project addresses recommendations from the 2006 Auditor of Public Accounts’ Management Audit Report of the KHRC and the 2008 Governor’s Task Force on the Future of Horse Racing. This project will improve the efficiency and effectiveness of KHRC procedures and operation, both by division and overall.

KY Medicaid Eligibility System—Cabinet for Health and Family Services **\$50,000,000**

This project seeks funding to design, develop, and implement a new Medicaid Eligibility System that will accommodate new federal regulatory requirements. This system would allow the public to apply online for Medicaid benefits via the Internet.

**KY Virtual Library (KYVL) Infrastructure Rebuild
Council on Postsecondary Education** **\$16,850,000**

This project would address critical KYVL infrastructure and database needs in the following areas: electronic research databases, Kentuckiana Digital Library, Learning Depot, hardware systems upgrades, interlibrary loan system, interactive library tools, and institutional repositories.

**Mine Safety, Licensing and Mapping Application
Energy and Environment Cabinet** **\$972,000**

The 2006 and 2007 sessions of the General Assembly passed several new laws for mine safety. The existing application needs major enhancements so that the agency can more easily track suspensions, probations, revocations, and reinstatements of certificates for those miners found in violation of their drug- and alcohol-free status, KRS 351.120(12). Readily available images of underground mines will enhance safety and rescue efforts, as well as decrease response time in the event of an environmental emergency.

Upgrade Campus Phone and Data Network—Murray State University **\$4,078,000**

This project will allow Murray State University to upgrade the existing campus phone and data network in order to replace existing equipment that is becoming obsolete.

Upgrade Information Technology Infrastructure—Kentucky State University **\$6,261,000**

Both KSU's fiber network and its wireless network need to be expanded and upgraded. The fiber network's current topology needs to convert to a star topology which will require reinstalling fiber to each building and terminating each connection at a central fiber hub.

**Upgrade Information Technology Infrastructure
Western Kentucky University** **\$2,300,000**

The purpose of this project is to upgrade the infrastructure to handle escalating bandwidth demands resulting from increased enrollment, large data transfers, streaming media, and the addition of campuswide wireless capability. All of these initiatives have created new demands on the network, especially the network core, which must be addressed.

Other Construction (New)

Construct Allied Health/Science Building at Hopkinsville Community College \$27,289,000

This 78,529-square-foot building will house new and existing Kentucky and Community Technical College (KCTCS) allied health programs to meet the educational training needs of the region. Space is presently not available for expansion of allied health related programs which are increasing in demand. Additionally, science labs currently housed in the Academic Building and Technology Center will be relocated to this building.

Construct/Complete New Science Complex, Final Phase

Murray State University

\$33,132,000

This final phase of the Science Complex will include the construction of a new 72,500-square-foot Engineering-Physics Building. Funds are available from previous phases of the New Science Complex to begin the planning of this project. Funds requested in this phase will complete the planning, design, and construction of the Engineering-Physics Building.

Construct E&G Life Safety Begley Elevator—Eastern Kentucky University \$750,000

Installation of an elevator in a high-rise classroom building, to provide access for handicapped students, faculty, and staff to instructional and academic support programs. This project is in the Facilities Master Plan as Minor Repairs/Renovations of Academic/Administrative Buildings.

Construct Health Innovation/Renovate Old Science—Northern KY University \$92,500,000

This project merges the Health Innovations Center and renovation of Old Science; a new 124,000-square-foot wing will be constructed west of Old Science, physically connecting Old Science at multiple levels. The project scope includes the new wing as well as full renovation of Old Science.

Construct Medical Examiner Office/Jefferson Lab

Justice and Public Safety Cabinet

\$20,130,000

The medical examiner's office in Louisville has increased in number of staff since the initial occupation of the office space. Additionally, the burdens placed on the Division of Forensic Pathology by the legal system have exponentially increased the amount of stored specimens. Due to the technical and legal nature of the medical examiner's work, evidence must be retained indefinitely. A new facility will allow for continued growth and evolution of the medical examiner's office and allow for the consolidation with the Jefferson Laboratory.

Construct Pedestrian Bridge Across US 60—Kentucky State University \$2,206,000

This project would construct an elevated pedestrian bridge across US 60 in Frankfort on KSU's campus. The bridge will connect from Hathaway Hall to a multistory structure located just south of US 60 where the university expansion is occurring.

Construct Replacement HRO Building, Frankfort

Department of Military Affairs

\$1,000,000

This project would construct an approximately 10,000-square-foot building to house the Human Resources Offices (HRO) of the KY National Guard. The new building is needed because the current HRO building sits on the site of the proposed new Army Aviation Support Facility

Building slated to begin construction in the 2012-2014 biennium. It will be necessary to have the staff of the current HRO building relocated prior to the start of the AASF project. The project will be 75 percent federally funded from a Department of Defense construction grant and 25 percent state funded.

Construct Science Building-Phase 2–Eastern Kentucky University **\$65,040,000**

As currently funded, the project will not accommodate the entire sciences programs, and this project will allow the largest science program, the Department of Biology, to locate to the new science building. This new structure will increase and enhance instructional space and alleviate current problems of safety and access.

Construct Science Research Building 2–University of Kentucky **\$210,700,000**

This 255,000-gross-square-foot science research facility will provide state-of-the-art research space for health sciences, chemistry, physics, earth sciences, psychology, biomedical engineering, nutrition, and nanotechnology. This facility is essential to sustaining the university's projected growth in research productivity necessary to achieve the legislative mandate that it become a Top 20 public research university by 2020. Competitive research space is critical to the university's ability to recruit and retain world-class faculty, Bucks for Brains chairs, and professorships. The Space Needs Model of the Council on Postsecondary Education reflects a UK research space deficit exceeding 468,000 assignable square feet.

Construction of Judicial Center in Nicholas County–Court of Justice **\$10,868,000**

Construction of a 31,500-square-foot judicial facility to accommodate the Kentucky Court of Justice functions, which include but are not limited to Circuit Court, Family Court, District Court, Circuit Court Clerk, Drug Court, Pretrial Services, and Juvenile Services. The current courthouse is deficient in space and is not configured for safe, effective, and efficient Court of Justice operations. The new judicial center will be in a rural county, is projected to meet the needs of the county for at least 50 years, and will be 100 percent occupied by the Court of Justice. AOC has an executed Memorandum of Understanding with the county. (Annual Use Allowance \$978,700.)

Expand and Renovate Betty White Nursing Building–KY State University **\$9,028,000**

This project will renovate and reallocate space to the nursing program that was formerly designated space for another unit. The available space is inadequate and not well designed for the needs that are required by the nursing program. This project would provide adequate program space by means of an addition and renovation of existing space to serve the administrative and academic needs of the program.

Expand Libraries and Archives Building

Department for Libraries and Archives **\$11,599,000**

This project requests the construction of a 16,000-gross-square-foot, high-density addition to the Kentucky Department for Libraries and Archives' (KDLA) main building in Frankfort. The addition would provide critically needed space for preserving Kentucky's permanently valuable records. KDLA is mandated by KRS 171.500 to serve as the Commonwealth's central repository of public records of permanent value. KDLA is unable to meet this statutory responsibility with its existing facility.

Renovate New Academy Buildings and Grounds—Kentucky State Police **\$5,000,000**

On July 1, 2011, the Department of Corrections transferred ownership of 362 acres of land and 10 buildings at 380 Coffee Tree Road, Frankfort, to the Kentucky State Police (KSP). This facility had previously been used as a minimum-security prison, the Frankfort Career Development Center. KSP will utilize this property for the agency's academy and training facility. Due to the previous use of this property and aged buildings, necessary renovations must take place to transform this facility into a training facility to meet KSP's needs. This project is needed to renovate the current recently acquired facility to provide a suitable training environment for Kentucky State Police cadets, troopers, and staff.

Splash Park Development Pool, Various Parks—Department of Parks **\$3,000,000**

Previous proposals for community pools have been difficult to fund because of large capital expense and operating expense for lifeguards. Splash parks offer a unique water recreation experience at 1/10th the cost of community pools. The proposed budget would permit constructing splash parks at five parks in each region of the state.

State-Owned Dam Repair Pool—Energy and Environment Cabinet **\$4,000,000**

The cabinet is required under KRS 151.291 to assure that dams owned by the Commonwealth comply with dam safety regulations. The Commonwealth owns 73 dams across the Commonwealth. Some of these dams become high hazard due to development or need of repairs. Funding is required to administer the necessary repairs for compliance.

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 approximately \$6.7 billion worth of projects that designate fund sources other than the General Fund. These sources (which are defined on pages 20 and 21) include restricted funds, federal funds, road funds, and other funds.

The largest users of these fund sources are the postsecondary institutions with more than \$3.3 billion in proposed restricted fund projects. However, other agencies, such as Military Affairs (federal funds), the Commonwealth Office of Technology (restricted funds) within the Finance Cabinet, 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 moneys collected by state agencies and restricted by statute or the budget bill for expenditure by the collecting agency. Sources include licenses and fees, tuition, service charges, sales of goods or products, donations or grants from non-state 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. As the institutions are moving toward a general receipts structure, many of these funds may be incorporated with other funds for capital purposes.

Federal funds are moneys 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). Under the American Recovery and Reinvestment Act, substantial funds have been made available to the Kentucky Infrastructure Authority drinking and wastewater projects for local communities.

Other funds are moneys that are not “state funds,” such as General Fund cash or bonds, and that are not included in one of the above listed categories. This category is used primarily by the postsecondary institutions. A primary use is for projects expected to be financed from cash through private contributions or gifts. The category has also been used to capture projects to be funded through privatization or other third-party financing arrangements.

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

**Status of Major
State-funded Construction Projects**



**2012-2018
Statewide Capital Improvements Plan**

Status of Major State-funded Construction Projects

The following chart reflects the status as of October 3, 2011, of construction projects involving the state General Fund authorized in a biennial budget and not completed as of publication of the last capital plan in November 2009.

Agency/Project	Project Status
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Executive Branch—Agencies

Department of Education

FFA Leadership Training Center Renovation Complete–06/11

Department of Veterans Affairs

New State Veterans Cemetery - Northeast Kentucky Complete–8/10

New State Veterans Cemetery - Southeast Kentucky Not Yet Initiated

New State Veterans Nursing Home (Hardin) Not Yet Initiated

Western Kentucky Veterans Center - Alzheimer’s/General Care Unit In Construction–03/12

Finance and Administration Cabinet/Commonwealth Office of Technology

Child Support Enforcement Execution and Control

Comprehensive Tax System Phase I Planning

eKASPER System Upgrade (II) Execution and Control

Program Management Execution and Control

Public Safety Communications Infrastructure, KEWS Execution and Control

Purchase TRANSPORT Upgrade Initiation

Replace Automated Vehicle Information System Execution and Control

Replace Master Control and Production Infrastructure Execution and Control

Replace Personnel Payroll System I Execution and Control

Safeguarding Children at Risk Execution and Control

Support for Health and Welfare Services Execution and Control

Transportation Enterprise Data Warehouse Planning

TRANSPRT System Execution and Control

Finance and Administration Cabinet/Facilities and Support Services

Barrett Avenue Building Renovation Complete–10/11

Capitol Annex Roof Replacement Complete–08/11

Capitol Campus Steam Distribution Complete–11/09

Capitol Grounds Tourism Enhancements Complete–07/11

Capital Plaza Complex Renovation and Design Design/Phase A

Capital Plaza Cooling Tower Design/Phase C

Central Lab Roof Replacement Complete–11/10

Refurbish Escalators - CHR Building Design/Phase C

Spindletop Renovation for Advanced Battery Research In Construction–12/11

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

Governor’s Office of Agricultural Policy

Kentucky Agriculture Heritage CenterNot Yet Initiated

Health and Family Services Cabinet

Construct Hazelwood Intermediate Care Facility..... Complete–09/11

Oakwood - Replace Chillers, Heating and Cooling Lines Complete–10/10

Renovate Oakwood Specialty ClinicNot Yet Initiated

Replacement of Glasgow State Nursing Facility In Construction–09/12

Justice and Public Safety Cabinet/Corrections

Kentucky State Reformatory Renovate, Upgrade, Replace Design/Phase C

Northpoint Training Center - Debris Removal..... Complete–11/09

Northpoint Training Center - Rebuild from Fire In Construction–04/12

W. KY Correctional Complex - Renovate Two Minimum-Sec. Dorms..... Bidding

Justice and Public Safety Cabinet/Juvenile Justice

Morehead Youth Development Center - Upgrade Fire Safety/Repair Complete–02/11

Justice and Public Safety Cabinet/Kentucky State Police

Replace Records and Secure Evidence Facility..... Complete–08/10

Tourism, Arts, and Heritage Cabinet/Parks

Big Bone - Park Improvement++..... Complete–09/11

Pennyrile - Replace Sewer Project..... Complete–08/11

++Funding from the 2006-08 Parks Development Pool

Tourism, Arts, and Heritage Cabinet/State Fair Board

Upgrade HVAC Systems..... Complete–02/11

Transportation Cabinet

Construct Crittenden County Maintenance Facility and Salt Storage StructureDesign/Phase A

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

Postsecondary Education

Eastern Kentucky University

Construct Business and Technology Center, Phase II	Complete-10/11
Construct Science Building	In Construction-05/12

Kentucky Community and Technical College System

Construct Administration Building, Phase I - Maysville CC	Complete-01/10
Construct Advanced Manufacturing Technology Center - Gateway CTC	Complete-06/10
Construct Allied Health/Technical Education Building - Laurel Campus.....	Complete-04/10
Construct Ashland Technology Center	Complete-06/10
Construct Central Regional Postsec Edu Center-Phase II - Elizabethtown CC	Complete-01/10
Construct Classroom/Lab Building - Bluegrass CTC, Lexington	Design/Phase C
Construct Emerging Technology Center - West KY CTC.....	Complete-01/10
Construct McCreary Center - Somerset CC	Complete-11/10
Construct Science/Allied Health Building - Jefferson CTC.....	Complete-04/10
Design Advanced Manufacturing Center - Bluegrass CTC	Design/Phase B
Design Madisonville Postsecondary Education Center	Design/Phase B
LLC Classroom/Lab Building - Addition	Bidding

Morehead State University

Construct Center for Health, Education, and Research.....	Complete-4/10
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Northern Kentucky University

Construct Center for Informatics	Complete-07/11
New Power Plant.....	Complete-12/09

University of Kentucky

Construct Biological/Pharmaceutical Complex.....	Complete-12/09
Expand and Upgrade Livestock Disease Diagnostic Center	In Construction-11/11
Renovate 4-H Camps	Complete-05/11
Renovate/Expand Center for Applied Energy Research.....	Rebidding

Western Kentucky University

Renovate Science Campus - Phase II - Construct Snell Hall	In Construction-12/09
Replace College of Education Building - Tate Page Hall.....	Complete-05/11

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

Judicial Branch

Allen County.....	In Construction–01/12
Bracken County	Bidding
Breckinridge County	In Construction–11/11
Campbell County	In Construction–09/12
Fleming County	In Construction–10/11
Franklin County	In Construction–06/13
Garrard County	In Construction–12/11
Hopkins County	In Construction–02/12
Lawrence County.....	In Construction–01/13
Mercer County	In Construction–01/12
Morgan County.....	In Construction–07/12
Owen County.....	In Construction–06/12
Pike County	In Construction–12/12
Shelby County	In Construction–11/11
Todd County	In Construction–04/12
Whitley County.....	In Construction–10/11
Wolfe County.....	In Construction–05/12

Status Categories

- Complete
- Design-Phase A - Consultant has been selected, and project is in schematic design; **Phase B** - Project is in design development; **Phase C** - Project is in construction document development.
- Execution and Control Phase - Processes performed to complete work defined in the project management plan.
- In Construction
- Initiation Phase - Processes performed to define a new project or a new phase of an existing project.
- Planning - Processes performed to establish the scope of the project, refine the objectives, and define the course of action.
- Other-Site Selection

Note: A completion date is listed only if the project is in construction.

Comprehensive Listing of Proposed Projects



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2012 - 2018 Statewide Capital Improvements Plan

Comprehensive Listing of Proposed Projects (2012-2014, 2014-2016, 2016-2018)

Following are listings of all capital construction projects, capital equipment, and information technology items and systems proposed for 2012-2014, 2014-2016, and 2016-2018 submitted by the agencies and postsecondary institutions to the Capital Planning Advisory Board as of August 19, 2011, which was the deadline for amendments to the 2012-2018 capital plans.

There are 4 sets of project listings as follows:

- Projects Involving the General Fund (Cash/Bonds) - Projects are listed in priority order for 2012-2014 and in alphabetical order for 2014-2016 and 2016-2018.
- Projects Involving the Road Fund - Projects are listed in priority order for 2012-2014 and in alphabetical order for 2014-2016 and 2016-2018.
- Projects Involving Agency Bonds - Projects are listed in priority order for 2012-2014 and in alphabetical order for 2014-2016 and 2016-2018.
- Projects Not Involving the General Fund, Road Fund, or Agency Bonds - Projects are listed alphabetically for each biennium.

Where applicable, both cabinet and agency priority rankings are shown.

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

Contents

Branch/Cabinet/Agency

General Government/Other

Department for Local Development.....	41
Department of Agriculture.....	42
Department of Education.....	43
Department of Military Affairs.....	44
Department of Veterans Affairs.....	48
Kentucky Lottery Corporation.....	49
Kentucky Retirement Systems.....	50
Kentucky River Authority.....	51
Kentucky Teachers' Retirement System.....	52
School Facilities Construction Commission.....	53
State Treasurer.....	54

Economic Development Cabinet.....	55
--	-----------

Education and Workforce Development Cabinet.....	56
---	-----------

Energy and Environment Cabinet.....	57
--	-----------

Finance and Administration Cabinet.....	59
--	-----------

Cabinet for Health and Family Services.....	62
--	-----------

Justice and Public Safety Cabinet.....	64
---	-----------

Public Protection Cabinet.....	67
---------------------------------------	-----------

Tourism, Arts, and Heritage Cabinet.....	68
---	-----------

Transportation Cabinet.....	73
------------------------------------	-----------

Postsecondary Education

Council on Postsecondary Education.....	76
Eastern Kentucky University.....	77
Kentucky Community and Technical College System.....	80
Kentucky State University.....	84
Morehead State University.....	86
Murray State University.....	89
Northern Kentucky University.....	93
University of Kentucky.....	96
University of Kentucky Hospital.....	103
University of Louisville.....	106
Western Kentucky University.....	112

Judicial Branch

Court of Justice.....	115
-----------------------	-----

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>
2012-2014					
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	
	2012-2014 Total		14,000,000	14,000,000	
2014-2016					
	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	
	2014-2016 Total		14,000,000	14,000,000	
2016-2018					
	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	
	2016-2018 Total		14,000,000	14,000,000	
	Grand Total		42,000,000	42,000,000	

Department of Agriculture

Projects NOT 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</u> <u>Funds/</u> <u>Source(s)</u>
2014-2016					
	Large Scale Test Truck Replace 02 Kenworth	EQ	205,000	205,000	
	2014-2016 Total		205,000	205,000	
	Grand Total		205,000	205,000	

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</u> <u>Budget</u>	<u>General</u> <u>Funds</u>	<u>Other</u> <u>Funds/</u> <u>Source(s)</u>
2012-2014					
1	Miscellaneous Maintenance Pool KDE	C-PI	3,000,000	3,000,000	
2	HVAC Modernization KSD	C-PI	9,189,000	9,189,000	
3	Redevelop and Renovate Campus Phase I KSD	C-O	20,918,000	20,918,000	
4	Redevelop and Renovate Campus Phase I KSB	C-PI	16,833,000	16,833,000	
5	Identity Management KDE	IT	5,470,000	5,470,000	
6	Instructional Device Replacement KDE	EQ	50,000,000	50,000,000	
2012-2014 Total			105,410,000	105,410,000	
2014-2016					
	CIITS KDE	IT	8,000,000	8,000,000	
	Miscellaneous Maintenance Pool KDE	C-PI	3,000,000	3,000,000	
	Redevelop and Renovate Campus Phase II KSB	C-PI	12,737,000	12,737,000	
	Redevelop and Renovate Campus Phase II KSD	C-PI	11,918,000	11,918,000	
2014-2016 Total			35,655,000	35,655,000	
2016-2018					
	Instructional Device Replacement Phase II KDE	EQ	50,000,000	50,000,000	
	Miscellaneous Maintenance Pool KDE	C-PI	3,000,000	3,000,000	
	Redevelop and Renovate Campus Phase III KSB	C-PI	13,673,000	13,673,000	
	Redevelop and Renovate Campus Phase III KSD	C-PI	8,181,000	8,181,000	
	School Districts Unified Accounting System KDE	IT	30,000,000	30,000,000	
2016-2018 Total			104,854,000	104,854,000	
Grand Total			245,919,000	242,919,000	

Explanation of Acronyms

CIITS Continuous Instructional Improvement Technology System
 HVAC Heating, Ventilation, Air Conditioning
 KDE KY Department of Education
 KSB KY School for the Blind
 KSD KY School for the Deaf

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>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>	
2012-2014						
1	Armory Installation Facility Maintenance Pool	C-PI	7,720,000	7,720,000		
2	Construct Replacement HRO Building Frankfort	C-O	1,000,000	250,000	750,000	FF
3	Construct Structural Repairs Harrodsburg Armory	C-PI	600,000	600,000		
4	Construct Structural Repairs Prestonsburg Armory	C-PI	600,000	600,000		
5	Construct Structural Repairs Walton Armory	C-PI	600,000	600,000		
6	Construct MEDCOM Building BNGC Frankfort	C-O	1,000,000	250,000	750,000	FF
7	Construct Armory Readiness Center Lexington	C-O	20,000,000	5,000,000	15,000,000	FF
8	Construct Armory Readiness Center Danville	C-O	12,000,000	3,000,000	9,000,000	FF
9	Construct Armory Readiness Center Maysville	C-O	12,000,000	3,000,000	9,000,000	FF
10	Construct Armory Addition Brandenburg	C-O	4,000,000	1,000,000	3,000,000	FF
11	Construct Armory Addition Leitchfield	C-O	4,000,000	1,000,000	3,000,000	FF
12	Construct Armory Addition Shelbyville	C-O	4,000,000	1,000,000	3,000,000	FF
	2012-2014 Total		67,520,000	24,020,000	43,500,000	
2014-2016						
	Armory Installation Facility Maintenance Pool	C-PI	9,720,000	9,720,000		
	2014-2016 Total		9,720,000	9,720,000		
2016-2018						
	Armory Installation Facility Maintenance Pool	C-PI	11,720,000	11,720,000		
	Construct 500 Seat Auditorium BNGC	C-O	2,500,000	625,000	1,875,000	FF
	Construct Armed Forces Ready Center Madisonville	C-O	7,500,000	1,875,000	5,625,000	FF
	Construct Armory Readiness Center Ashland	C-O	12,000,000	3,000,000	9,000,000	FF
	Construct Armory Readiness Center Barbourville	C-O	12,000,000	3,000,000	9,000,000	FF
	Construct Armory Readiness Center Bardstown	C-O	12,000,000	3,000,000	9,000,000	FF
	Construct Armory Readiness Center Benton	C-O	12,000,000	3,000,000	9,000,000	FF
	Construct Armory Readiness Center Buechel	C-O	12,000,000	3,000,000	9,000,000	FF
	Construct Armory Readiness Center Campbellsville	C-O	12,000,000	3,000,000	9,000,000	FF
	Construct Armory Readiness Center Carlisle	C-O	12,000,000	3,000,000	9,000,000	FF
	Construct Armory Readiness Center Carrollton	C-O	12,000,000	3,000,000	9,000,000	FF
	Construct Armory Readiness Center Central City	C-O	12,000,000	3,000,000	9,000,000	FF
	Construct Armory Readiness Center Cynthiana	C-O	12,000,000	3,000,000	9,000,000	FF
	Construct Armory Readiness Center Elizabethtown	C-O	12,000,000	3,000,000	9,000,000	FF
	Construct Armory Readiness Center Frankfort	C-O	12,000,000	3,000,000	9,000,000	FF
	Construct Armory Readiness Center Glasgow	C-O	12,000,000	3,000,000	9,000,000	FF
	Construct Armory Readiness Center Harlan	C-O	12,000,000	3,000,000	9,000,000	FF
	Construct Armory Readiness Center Harrodsburg	C-O	12,000,000	3,000,000	9,000,000	FF
	Construct Armory Readiness Center Hazard	C-O	12,000,000	3,000,000	9,000,000	FF
	Construct Armory Readiness Center Henderson	C-O	12,000,000	3,000,000	9,000,000	FF
	Construct Armory Readiness Center Jackson	C-O	12,000,000	3,000,000	9,000,000	FF
	Construct Armory Readiness Center London	C-O	12,000,000	3,000,000	9,000,000	FF
	Construct Armory Readiness Center Louisville	C-O	12,000,000	3,000,000	9,000,000	FF
	Construct Armory Readiness Center Marion	C-O	12,000,000	3,000,000	9,000,000	FF
	Construct Armory Readiness Center Middlesboro	C-O	12,000,000	3,000,000	9,000,000	FF
	Construct Armory Readiness Center Monticello	C-O	12,000,000	3,000,000	9,000,000	FF

Department of Military Affairs (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>	
	Construct Armory Readiness Center Murray	C-O	12,000,000	3,000,000	9,000,000	FF
	Construct Armory Readiness Center Olive Hill	C-O	12,000,000	3,000,000	9,000,000	FF
	Construct Armory Readiness Center Prestonsburg	C-O	12,000,000	3,000,000	9,000,000	FF
	Construct Armory Readiness Center Ravenna	C-O	12,000,000	3,000,000	9,000,000	FF
	Construct Armory Readiness Center Russellville	C-O	12,000,000	3,000,000	9,000,000	FF
	Construct Armory Readiness Center Springfield	C-O	12,000,000	3,000,000	9,000,000	FF
	Construct Armory Readiness Center Tompkinsville	C-O	12,000,000	3,000,000	9,000,000	FF
	Construct Armory Readiness Center Walton	C-O	12,000,000	3,000,000	9,000,000	FF
	Construct Armory Readiness Center Williamsburg	C-O	12,000,000	3,000,000	9,000,000	FF
	Construct Army Reserve Center Hopkinsville	C-O	7,500,000	1,875,000	5,625,000	FF
	Construct Field Maintenance Shop Glasgow/Bowl Green	C-O	12,000,000	1,000,000	11,000,000	FF
	Construct Physical Fitness Center Boone Nat Guard Center	C-O	1,000,000	250,000	750,000	FF
	2016-2018 Total		426,220,000	113,345,000	312,875,000	
	Grand Total		503,460,000	147,085,000	356,375,000	

Projects involving Agency Bonds

2014-2016

Construct Sprinkler Upgrades Bluegrass Station	C-PI	1,500,000	1,500,000	AB
Renovate Infrastructure Bluegrass Station Phase II	C-PI	10,300,000	10,300,000	AB
2014-2016 Total		11,800,000	11,800,000	

2016-2018

Add Vulnerability Mitigation Bluegrass Station	C-PI	5,000,000	5,000,000	AB
Construct Aircraft Modify Bldg Bluegrass Station	C-O	7,000,000	7,000,000	AB
Construct Consequence Management Support Center BGS	C-O	15,000,000	15,000,000	AB
Construct Exchange Facility Bluegrass Station	C-O	800,000	800,000	AB
Construct Fire Station Bluegrass Station	C-O	2,500,000	2,500,000	AB
Construct FLRC Warehouse Bluegrass Station	C-O	15,000,000	15,000,000	AB
Construct General Warehouse Bldg Bluegrass Station	C-O	3,700,000	3,700,000	AB
Construct Green Projects Bluegrass Station	C-PI	1,000,000	1,000,000	AB
Construct Hangar Annex Bluegrass Station	C-O	2,000,000	2,000,000	AB
Construct New Access Road Bluegrass Station	C-O	1,000,000	1,000,000	AB
Construct Parts Warehouse at Bluegrass Station	C-O	1,800,000	1,800,000	AB
Construct Railroad Network Bluegrass Station	C-O	4,000,000	4,000,000	AB
Construct Recreation Center Bluegrass Station	C-O	25,000,000	25,000,000	AB
Construct Warehouse Bluegrass Station	C-O	10,000,000	10,000,000	AB
Demolish Obsolete Structures Bluegrass Station	C-O	1,000,000	1,000,000	AB
Enhance Fencing Infrastructure Bluegrass Station	C-PI	1,000,000	1,000,000	AB
Renovate Infrastructure Bluegrass Station Phase3	C-PI	10,000,000	10,000,000	AB
Upgrade Bluegrass Station NE Area Infrastructure	C-PI	5,000,000	5,000,000	AB
Utilization of Recreation Area Bluegrass Station	C-PI	750,000	750,000	AB
2016-2018 Total		111,550,000	111,550,000	

Grand Total		123,350,000	123,350,000	
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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>
2012-2014					
	Bluegrass Station Facility Maintenance Pool	C-PI	2,000,000	2,000,000	RF
	Construct Armed Forces Ready Center Somerset	C-O	7,500,000	7,500,000	FF
	Construct Armory Readiness Center Pikeville	C-O	12,000,000	12,000,000	FF
	Construct Army Aviation Support Facility Frankfort	C-O	48,000,000	48,000,000	FF
	Construct Facility for Asphalt Unit at WHFRTC	C-O	750,000	750,000	FF
	Construct Facility For CERF-P at BNGC Frankfort	C-O	750,000	750,000	FF
	Construct Field Maintenance Shop Northern KY	C-O	12,000,000	12,000,000	FF
	Construct Phase VII WHFRTC	C-O	20,000,000	20,000,000	FF
	Construct Pole Barns Bluegrass Station	C-O	1,200,000	1,200,000	RF
	Construct Structural Repairs Ashland Armory	C-O	850,000	850,000	FF
	Expand Lexington National Guard Armory	C-PI	750,000	750,000	FF
	Expand State Emergency Operations Center Additional	C-PI	11,800,000	11,800,000	RF/FF
	Expand Vehicle Storage Bay WMD Bldg Louisville	C-O	750,000	750,000	FF
	Install Solar Array Harold Disney Training Site	C-O	720,000	720,000	FF
	Install Solar Energy Array W. Ford Training Site	C-O	720,000	720,000	FF
	Renovate Butler Reserve Center Louisville	C-PI	5,000,000	5,000,000	RF
	2012-2014 Total		124,790,000	124,790,000	
2014-2016					
	Bluegrass Station Facility Maintenance Pool	C-PI	2,000,000	2,000,000	RF
	Construct Joint Forces Ready Center Phase II Frankfort	C-O	10,678,000	10,678,000	FF
	Construct Parking Improvements Bluegrass Station	C-PI	2,200,000	2,200,000	RF
	Construct Response Group Bldg KyANG Phase I	C-O	5,419,000	5,419,000	FF
	Construct Response Group Bldg KyANG Phase II	C-O	11,200,000	11,200,000	FF
	Construct Road Improvements Bluegrass Station	C-PI	2,500,000	2,500,000	RF
	Construct Training Center Bluegrass Station	C-O	15,000,000	15,000,000	RF
	Repurpose Central Steam Plant Bluegrass Station	C-PI	700,000	700,000	RF
	2014-2016 Total		49,697,000	49,697,000	
2016-2018					
	Bluegrass Station Facility Maintenance Pool	C-PI	2,000,000	2,000,000	RF
	Construct Admin Bldg Disney Training Center	C-O	2,420,000	2,420,000	FF
	Construct Armed Force Ready Center Bowling Green	C-O	7,500,000	7,500,000	FF
	Construct Armory Jt Forces Readiness Fort Knox	C-O	7,020,000	7,020,000	FF
	Construct Combined Support Maintenance Shop Frankfort	C-O	15,000,000	15,000,000	FF
	Construct Field Maintenance Shop #2 London	C-O	10,000,000	10,000,000	FF
	Construct Field Maintenance Shop #6 Jackson	C-O	10,000,000	10,000,000	FF
	Construct Field Maintenance Shop 1 Conversion	C-PI	1,200,000	1,200,000	FF
	Construct Field Maintenance Shop 8 Conversion	C-PI	1,200,000	1,200,000	FF
	Construct Field Maintenance Shop Ashland	C-O	6,000,000	6,000,000	FF
	Construct Field Maintenance Shop Louisville	C-O	6,000,000	6,000,000	FF
	Construct Fire House Expansion KyANG Louisville	C-O	2,000,000	2,000,000	FF
	Construct Joint Forces Ready Center Phase III Frankfort	C-O	12,000,000	12,000,000	FF
	Construct Multi-Purpose Machine Gun Range WHFRTC	C-O	850,000	850,000	FF
	Construct National Guard Monument BNGC Frankfort	C-O	700,000	700,000	OT-P

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>	
	Construct Phase IX Wendell Ford Training Site	C-O	9,720,000		9,720,000	FF
	Construct Phase VIII Wendell Ford Training Site	C-O	9,720,000		9,720,000	FF
	Construct Qualification Training Range WHFRTC	C-O	6,000,000		6,000,000	FF
	Construct USPFO Building Frankfort	C-O	20,000,000		20,000,000	FF
	Construct UTES Wendell Ford Training Site	C-O	12,000,000		12,000,000	FF
	Install Power Generators W.H. Ford Training Site	C-PI	2,000,000		2,000,000	FF
	Modification to Military Airfield Runway WHFRTC	C-O	15,000,000		15,000,000	FF
	Operational Reserve Training Center WHFRTC	C-O	42,000,000		42,000,000	FF
	Renovate Old AASF for CSMS Building BNGC	C-O	2,500,000		2,500,000	FF
	2016-2018 Total		838,900,000		838,900,000	
	Grand Total		1,013,387,000		1,013,387,000	

Explanation of Acronyms

AASF	Army Aviation Support Facility
CERF-P	Chemical Enhanced Response Force Package
CSMS	Consolidated Support Maintenance Shop
KyANG	Kentucky Air National Guard
USPFO	United States Property and Fiscal Office
UTES	Unit Training and Equipment Site
WHFRTC	Wendell H. Ford Regional Training Center

Department of Veterans 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>	
2012-2014						
1	Construct 4th State Veterans Nursing Home	C-O	40,000,000	14,000,000	26,000,000	FF
2	Elevator Project and Wing Renovation THVC	C-PI	3,000,000	1,050,000	1,950,000	FF
2012-2014 Total			43,000,000	15,050,000	27,950,000	
2014-2016						
	THVC 2 Unit Renovation	C-PI	4,000,000	1,400,000	2,600,000	FF
2014-2016 Total			4,000,000	1,400,000	2,600,000	
Grand Total			47,000,000	16,450,000	30,550,000	

Explanation of Acronyms

THVC Thomson Hood Veterans Center

Kentucky Lottery Corporation

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>
2012-2014					
	Data Processing, Telecomm, and related equipment	IT	6,000,000		6,000,000 OT-P
	Replacement of End User Hardware	EQ	200,000		200,000 OT-P
	Replacement of System Infrastructure	IT	400,000		400,000 OT-P
	2012-2014 Total		6,600,000		6,600,000
2014-2016					
	Data Processing, Telecomm, and related equipment	IT	6,000,000		6,000,000 OT-P
	iSeries System Upgrades	IT	1,400,000		1,400,000 OT-P
	Replacement of System Infrastructure	IT	400,000		400,000 OT-P
	2014-2016 Total		7,800,000		7,800,000
2016-2018					
	Data Processing, Telecomm, and related equipment	IT	6,000,000		6,000,000 OT-P
	Replacement of End User Hardware	EQ	200,000		200,000 OT-P
	Replacement of System Infrastructure	IT	400,000		400,000 OT-P
	2016-2018 Total		6,600,000		6,600,000
	Grand Total		21,000,000		21,000,000

Kentucky Retirement Systems

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>
2012-2014					
	KRS Line of Business Project	IT	2,700,000		2,700,000 RF
	2012-2014 Total		2,700,000		2,700,000
	Grand Total		2,700,000		2,700,000

Explanation of Acronyms

KRS KY Retirement Systems

Kentucky River Authority

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>
2012-2014					
1	Renovate Locks 1 Through 4	C-PI	6,710,000	2,610,000	4,100,000 RF/AB
	2012-2014		6,710,000	2,610,000	4,100,000
	Grand Total		6,710,000	2,610,000	4,100,000

Projects involving Agency Bonds

2012-2014					
1	Renovate Dam 8	C-PI	16,500,000		16,500,000 AB
2	Renovate Lock and Dam 10 Design	C-PI	2,500,000		2,500,000 AB
	2012-2014 Total		19,000,000		19,000,000
2014-2016					
	Renovate Lock and Dam 10 Construction	C-O	45,540,000		45,540,000 AB
	2014-2016 Total		45,540,000		45,540,000
2016-2018					
	Repair Dam 12	C-PI	3,400,000		3,400,000 AB
	Repair Dam 13	C-PI	3,928,000		3,928,000 AB
	Repair Dam 6	C-PI	2,299,000		2,299,000 AB
	Repair Dam 7	C-PI	3,081,000		3,081,000 AB
	Repair Dams 11 and 14	C-PI	3,102,000		3,102,000 AB
	Repair Dams 4 and 5	C-PI	947,000		947,000 AB
	2016-2018 Total		16,757,000		16,757,000
	Grand Total		81,297,000		81,297,000

Kentucky Teachers' Retirement System

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>
2012-2014					
	KTRS Pension Management System	IT	500,000		500,000 RF
	KTRS Pension Management System II	IT	13,450,000		13,450,000 RF
	2012-2014 Total		13,950,000		13,950,000
2014-2016					
	KTRS Office Building	C-PI	3,150,000		3,150,000 RF
	KTRS Pension Management System II	IT	5,000,000		5,000,000 RF
	2014-2016 Total		8,150,000		8,150,000
	Grand Total		22,100,000		22,100,000

Explanation of Acronyms

KTRS KY Teachers' Retirement System

Note: The KY 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 Ag</u>	<u>Project</u>	<u>Type</u>	<u>Total</u> <u>Budget</u>	<u>General</u> <u>Funds</u>	<u>Other</u> <u>Funds/</u> <u>Source(s)</u>
2012-2014					
1	SFCC Bonding Continued 2014	GL	100,000,000	100,000,000	
2	SFCC Targeted Funding 2014	GL	75,000,000	75,000,000	
	2012-2014		175,000,000	175,000,000	
2014-2016					
	SFCC Bonding Continued 2016	GL	150,000,000	150,000,000	
	SFCC Targeted Funding 2016	GL	100,000,000	100,000,000	
	2014-2016 Total		250,000,000	250,000,000	
2016-2018					
	SFCC Bonding Continued 2018	GL	150,000,000	150,000,000	
	SFCC Targeted Funding 2018	GL	100,000,000	100,000,000	
	2016-2018 Total		250,000,000	250,000,000	
	Grand Total		675,000,000	675,000,000	

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>Cab Ag</u>	<u>Project</u>	<u>Type</u>	<u>Total</u> <u>Budget</u>	<u>General</u> <u>Funds</u>	<u>Other</u> <u>Funds/</u> <u>Source(s)</u>
2012-2014					
	2 Xerox Check Printers and 2 Fold Sealers	EQ	554,000	554,000	
	2012-2014 Total		554,000	554,000	
	Grand Total		554,000	554,000	

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>
2012-2014					
1	KY Economic Development Finance Authority (KEDFA) Bond	GL	20,000,000	20,000,000	
2	High-Tech Construct/Investment Pools	GL	30,000,000	30,000,000	
3	Economic Development Bond (EDB) Program	GL	20,000,000	20,000,000	
4	Parking Garage Maintenance	C-PI	2,350,000	2,350,000	
	2012-2014 Total		72,350,000	72,350,000	
2014-2016					
	Economic Development Bond (EDB) Program	GL	20,000,000	20,000,000	
	High-Tech Construct/Investment Pools	GL	30,000,000	30,000,000	
	KY Economic Development Finance Authority (KEDFA) Bond	GL	20,000,000	20,000,000	
	2014-2016 Total		70,000,000	70,000,000	
2016-2018					
	Economic Development Bond (EDB) Program	GL	20,000,000	20,000,000	
	High-Tech Construct/Investment Pools	GL	40,000,000	40,000,000	
	KY Economic Development Finance Authority (KEDFA) Bond	GL	15,000,000	15,000,000	
	2016-2018 Total		70,000,000	70,000,000	
	Grand Total		210,000,000	210,000,000	

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>
2012-2014							
1	1		SEC Enterprise Case Management System	IT	22,000,000	22,000,000	
2	2		SEC Miscellaneous Maintenance Pool 2012 Education Cabinet	C-PI	3,433,000	3,433,000	
3	2		KET Digital Conversion/Phase 3	IT	1,585,000	1,585,000	
4	1		KDLA Expand the Libraries and Archives Building	C-O	11,559,000	11,559,000	
5	3		KET Digital Infrastructure Maintenance Pool	IT	800,000	800,000	
6	1		KET Facility Maintenance Pool	C-PI	500,000	500,000	
7	1		KDLA Information System Infrastructure	IT	715,150	715,150	
2012-2014 Total					40,592,150	40,592,150	
2014-2016							
			KET Digital Conversion/Phase 4	IT	3,850,000	3,850,000	
			KET Digital Infrastructure Maintenance Pool	IT	800,000	800,000	
			KET Facility Maintenance Pool	C-PI	500,000	500,000	
			SEC Enterprise Case Management System Phase II	IT	21,000,000	21,000,000	
			SEC Miscellaneous Maintenance Pool 2014 Education Cabinet	C-PI	3,251,000	3,251,000	
2014-2016 Total					29,401,000	29,401,000	
2016-2018							
			KET Digital Conversion/Phase 5	IT	8,700,000	8,700,000	
			KET Digital Infrastructure Maintenance Pool	IT	800,000	800,000	
			KET Facility Maintenance Pool	C-PI	500,000	500,000	
			SEC Enterprise Case Management System Phase III	IT	6,475,000	6,475,000	
			SEC Miscellaneous Maintenance Pool 2016 Education Cabinet	C-PI	3,805,000	3,805,000	
2016-2018 Total					20,280,000	20,280,000	
Grand Total					90,273,150	90,273,150	

Explanation of Acronyms

KDLA KY Department for Libraries and Archives
 KET KY Educational Television
 SEC Office of the Secretary

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>
2012-2014							
1	1		DNR Mine Safety, Licensing, and Mapping Application	IT	972,000	972,000	
2	1		DEP Paper Shredder	EQ	305,000	305,000	
3	2		DEP TEMPO System Upgrade	IT	914,000	914,000	
4	2		DNR Wildland Fire Equipment Replacement Schedule	EQ	3,000,000	3,000,000	
5	1		SEC Maintenance Pool for Cabinet-Owned Facilities	C-PI	1,585,000	1,585,000	
6	3		DEP Maxey Flats Cap (Final Closure Period)	C-O	33,186,000	15,000,000	18,186,000 OT-P
7	3		DNR 2-Way Radio System Upgrade	EQ	1,002,000	1,002,000	
8	1		PSC Engineering Standards Laboratory	EQ	300,000	300,000	
9	4		DEP State-Owned Dam Repair	C-O	4,000,000	4,000,000	
10	4		DNR Replenish Soils at John Rhody and Morgan County Nursery	C-PI	710,000	710,000	
11	5		DNR Acquire and Construct a New Tree Nursery	C-PI	6,028,000	6,028,000	
2012-2014 Total					52,002,000	33,816,000	18,186,000
2014-2016							
DNR Wildland Fire Equipment Replacement Schedule				EQ	3,000,000	3,000,000	
SEC Maintenance Pool for Cabinet-Owned Facilities				C-PI	200,000	200,000	
2014-2016 Total					3,200,000	3,200,000	
2016-2018							
DEP State-Owned Dam Repair				C-O	4,000,000	4,000,000	
DNR Wildland Fire Equipment Replacement Schedule				EQ	3,000,000	3,000,000	
SEC Maintenance Pool for Cabinet-Owned Facilities				C-PI	200,000	200,000	
2016-2018 Total					7,200,000	7,200,000	
Grand Total					62,402,000	44,216,000	18,186,000

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>
2012-2014					
	DEP Hazardous Waste Management Fund	C-PI	4,200,000	4,200,000	RF
	DEP State-Funded Leaking Underground Storage Tanks (Add'l)	C-PI	1,000,000	1,000,000	RF
	SEC Kentucky Heritage Land Conservation Fund (Add'l)	C-O	8,000,000	8,000,000	RF/FF
	2012-2014 Total		13,200,000	13,200,000	
2014-2016					
	DEP Hazardous Waste Management Fund	C-PI	4,200,000	4,200,000	RF
	DEP State-Funded Leaking Underground Storage Tanks (Add'l)	C-PI	1,000,000	1,000,000	RF
	SEC Kentucky Heritage Land Conservation Fund (Add'l)	C-O	8,000,000	8,000,000	RF/FF
	2014-2016 Total		13,200,000	13,200,000	
2016-2018					
	DEP Hazardous Waste Management Fund	C-PI	4,200,000	4,200,000	RF
	DEP State-Funded Leaking Underground Storage Tanks (Add'l)	C-PI	1,000,000	1,000,000	RF
	SEC Kentucky Heritage Land Conservation Fund (Add'l)	C-O	8,000,000	8,000,000	RF/FF
	2016-2018 Total		13,200,000	13,200,000	
	Grand Total		39,600,000	39,600,000	

Explanation of Acronyms

DEP	Department of Environmental Protection
DNR	Department of Natural Resources
PSC	Public Service Commission
SEC	Office of the Secretary
TEMPO	Tools for Environmental Management Programs and Organizations

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>
2012-2014							
1	1		FSS Emergency Repair, Maintenance, and Replacement Fund	C-PI	12,500,000	12,500,000	
2	3		FSS Miscellaneous Maintenance Pool 2012-2014	C-PI	8,000,000	8,000,000	
3	4		FSS Maintenance Pool Statewide Deferred	C-PI	12,500,000	12,500,000	
4	2		FSS Capital Construction and Equipment Purchase Contingency Fund	C-PI	12,500,000	12,500,000	
5	1		COT Enterprise Identity and Access Management	IT	8,745,000	8,745,000	
6	5		FSS Repair Site Infrastructure Capital Plaza Complex	C-PI	2,500,000	2,500,000	
7	2		COT Statewide Microwave Network Maintenance (KEWS)	EQ	5,850,000	5,850,000	
8	1		DOR MFE Scanner Replacement	EQ	1,500,000	1,500,000	
9	7		FSS Capitol and Capitol Annex Terrace Repairs	C-PI	2,518,000	2,518,000	
10	6		FSS Halon System Replacement	C-PI	1,500,000	1,500,000	
11	3		COT Kentucky IT Portfolio Planning System (KIPPS)	IT	3,520,000	3,520,000	
12	10		FSS Upgrade Data Center Readiness	C-PI	5,000,000	5,000,000	
13	9		FSS Renovate 3rd Floor for Archival Space L&A	C-PI	620,000	620,000	
14	2		DOR FileNet Upgrade to P-8 Platform	IT	600,000	600,000	
15	11		FSS Parking Garage Repairs Various	C-PI	2,151,000	2,151,000	
16	3		DOR Modernized E-file	EQ	1,500,000	1,500,000	
17	6		FSS Renewal of the Capital Plaza Complex	C-O	117,677,000	117,677,000	
18	12		FSS Upgrade Capitol Campus	C-PI	4,500,000	4,500,000	
19	13		FSS Air Handler Replacement	C-PI	600,000	600,000	
20	14		FSS Chiller Replacement/Rebuild Various	C-PI	1,000,000	1,000,000	
21	15		FSS Upgrade L&N Building	C-PI	4,375,000	4,375,000	
22	16		FSS Cooling Tower Replacement Central Lab	C-PI	1,000,000	1,000,000	
23	17		FSS Replace VAV's at Central Lab	C-PI	2,800,000	2,800,000	
24	18		FSS Statewide Roof Repair/Replacement	C-PI	750,000	750,000	
25	19		FSS Renovate Old Capitol/Capitol Annex	C-PI	2,500,000	2,500,000	
26	20		FSS Deferred Maintenance for Historic Properties	C-PI	675,000	675,000	
27	21		FSS Modernize Escalator and Miscellaneous Elevator Upgrades	C-PI	1,500,000	1,500,000	
28	22		FSS House and Senate Chambers Restoration	C-PI	2,915,000	2,915,000	
29	23		FSS Capitol Campus Security System Upgrades	C-PI	1,000,000	1,000,000	
30	24		FSS Emergency Generator Replacement	C-PI	600,000	600,000	
31	25		FSS Acquire Land/Demolish Structures Statewide	C-PI	7,500,000	7,500,000	
32	26		FSS Statewide Parking Lot Improvement	C-PI	600,000	600,000	
33	27		FSS Capitol Landscaping	C-PI	1,200,000	1,200,000	
34	28		FSS Design Sower Boulevard Office Complex #1	C-O	5,225,000	5,225,000	
35	29		FSS Automated Building Controls Upgrade	C-PI	1,000,000	1,000,000	
36	30		Statewide Carpet Replacement	C-PI	1,000,000	1,000,000	
2012-2014 Total					239,921,000	239,921,000	
2014-2016							
			COT Enterprise Identity and Access Management	IT	8,745,000	8,745,000	
			COT Kentucky IT Portfolio Planning System (KIPPS)	IT	3,520,000	3,520,000	
			FSS Acquire Land/Demolish Structures-Statewide	C-PI	7,500,000	7,500,000	
			FSS Air Handler Replacement	C-PI	1,300,000	1,300,000	
			FSS Automated Building Controls Upgrade	C-PI	1,000,000	1,000,000	
			FSS Capital Construct and Equipment Purchase Contingency Fund	C-PI	12,500,000	12,500,000	
			FSS Chiller Replacement/Rebuild - Various	C-PI	1,000,000	1,000,000	

Finance and Administration 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>
<u>Cab</u> <u>Ag</u>					
	FSS Construct Sower Boulevard Office Complex #1	C-O	91,083,000	91,083,000	
	FSS Cooling Tower Replacement Central Lab	C-PI	1,000,000	1,000,000	
	FSS Deferred Maintenance for Historic Properties	C-PI	675,000	675,000	
	FSS Design Capitol Annex Addition and 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 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 Statewide Deferred	C-PI	12,500,000	12,500,000	
	FSS Miscellaneous Maintenance Pool 2014-2016	C-PI	8,000,000	8,000,000	
	FSS Modernize Escalator and Misc Elevator Upgrades	C-PI	2,000,000	2,000,000	
	FSS Renewal of the Capital Plaza Complex	C-O	36,992,000	36,992,000	
	FSS Repair Site Infrastructure Capital Plaza Complex	C-PI	2,500,000	2,500,000	
	FSS Replace VAV's Frankfort Buildings	C-PI	2,800,000	2,800,000	
	FSS Statewide Carpet Replacement	C-PI	1,000,000	1,000,000	
	FSS Statewide Parking Lot Improvements	C-PI	600,000	600,000	
	FSS Statewide Roof Repair/Replacement	C-PI	750,000	750,000	
	FSS Upgrade Capitol Campus	C-PI	5,500,000	5,500,000	
	DOR CTS Implementation Support and Maintenance	IT	5,000,000	5,000,000	
	2014-2016 Total		226,759,000	226,759,000	
2016-2018					
	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 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 Cooling Tower Replacement Central Lab	C-PI	1,000,000	1,000,000	
	FSS Emergency Generator 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 Statewide Deferred	C-PI	12,500,000	12,500,000	
	FSS Miscellaneous Maintenance Pool 2016-2018	C-PI	8,000,000	8,000,000	
	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 Statewide Carpet Replacement	C-PI	1,000,000	1,000,000	
	FSS Statewide Parking Lot Improvements	C-PI	600,000	600,000	
	FSS Upgrade Capitol Campus	C-PI	4,000,000	4,000,000	
	FSS Upgrade CHR/HSB Campus	C-PI	3,000,000	3,000,000	
	2016-2018 Total		271,801,000	271,801,000	
	Grand Total		738,481,000	738,481,000	

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>
2012-2014					
	COT Commonwealth IT Infrastructure Upgrade	IT	7,350,000	7,350,000	RF
	FSS Guaranteed Energy Savings Performance Contracts	C-PI	50,000,000	50,000,000	OT-LTF
	2012-2014 Total		57,350,000	57,350,000	
2014-2016					
	COT Commonwealth IT Infrastructure Upgrade	IT	7,350,000	7,350,000	RF
	FSS Guaranteed Energy Savings Performance Contracts	C-PI	50,000,000	50,000,000	OT-LTF
	2014-2016 Total		57,350,000	57,350,000	
2016-2018					
	COT Commonwealth IT Infrastructure Upgrade	IT	7,350,000	7,350,000	RF
	FSS Guaranteed Energy Savings Performance Contracts	C-PI	50,000,000	50,000,000	OT-LTF
	2016-2018 Total		57,350,000	57,350,000	
	Grand Total		172,050,000	172,050,000	

Explanation of Acronyms

COT	Commonwealth Office of Technology
CTS	Comprehensive Tax System
DOR	Department of Revenue
FSS	Department for Facilities and Support Services
KEW	KY Emergency Warning System
MFE	Modernized Front End

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>
2012-2014							
1	1		SEC Maintenance Pool	C-PI	11,826,000	11,826,000	
2	2		SEC Kentucky Medicaid Eligibility System	IT	50,000,000	5,000,000	45,000,000 FF
3	1		DBHDID Facility Information System Phase I	IT	10,200,000	10,200,000	
4	2		DPH Radiation Health Lab Info Mgt System (LIMS)	IT	775,000	775,000	
5	3		SEC Network Infrastructure Upgrade Phase II	IT	6,003,000	4,202,100	1,800,900 FF
6	3		DBHDID Replace, Upgrade and Enhance Generators Oakwood	C-PI	1,500,000	1,500,000	
7	4		SEC CHFS Single Sign-On	IT	1,000,000	700,000	300,000 FF
8	1		DCBS Health and Welfare Self Service Citizen Web Portal	IT	20,000,000	6,600,000	13,400,000 FF
9	4		DBHDID Replace Cottages Roofs Oakwood	C-PI	2,750,000	2,750,000	
10	5		SEC Child Support System (KASES III)	IT	85,076,000	28,926,000	56,150,000 FF
11	2		DCBS Support for Health and Welfare Services (KAAAP)	IT	150,000,000	49,500,000	100,500,000 FF
12	1		DPH IT Communication Systems Upgrade	IT	987,000	888,000	99,000 FF
13	5		DBHDID Renovate or Replace Cottages Oakwood	C-PI	12,500,000	12,500,000	
14	6		DBHDID Construct Group Home Pilot Central Region	C-O	2,753,000	2,753,000	
15	7		DBHDID Construct Group Home Pilot Western Region	C-O	2,753,000	2,753,000	
16	8		DBHDID Upgrade Electrical and Emergency Power WSH	C-PI	8,000,000	8,000,000	
17	9		DBHDID Upgrade/Renovate WSNF	C-PI	5,853,300	5,853,300	
18	6		SEC DAIL System Modernization	IT	1,090,000	1,090,000	
19	3		DPH Laboratory Equipment	EQ	1,316,000	1,316,000	
20	10		DBHDID Replace Water Lines Oakwood	C-PI	752,000	752,000	
21	4		DPH Budget, Accounting and Reporting System	IT	3,600,000	3,600,000	
22	2		DBHDID Facility Information System Phase II	IT	10,200,000	10,200,000	
23	5		DPH Kentucky Automated Vital Statistics Info System	IT	19,200,000	19,200,000	
24	6		DPH Upgrade Local and Dist. Health Dept Infrastructure	C-O	10,100,000	10,100,000	
25	11		DBHDID Comm. Energy Mngmnt and Control System (CEMCS)	C-PI	1,000,000	1,000,000	
2012-2014 Total					419,234,300	201,984,400	217,249,900
2014-2016							
			DBHDID Renovate or Replace Cottages Oakwood	C-PI	12,500,000	12,500,000	
			DBHDID Renovate Unit 3 West Hazelwood	C-PI	1,840,000	1,840,000	
			DBHDID Replace Elevator Building 63 WSH	C-PI	850,000	850,000	
			DBHDID Renovate 3 Units Hazelwood	C-PI	3,550,000	3,550,000	
			SEC Maintenance Pool	C-PI	8,460,000	8,460,000	
			SEC Network Infrastructure Upgrade Phase III	IT	2,838,000	1,986,600	851,400 FF
2014-2016 Total					30,038,000	29,186,600	851,400
2016-2018							
			DBHDID Construct Forensic Hospital Complex KCPC	C-O	24,875,000	24,875,000	
			DBHDID Renovate or Replace Cottages Oakwood	C-PI	12,500,000	12,500,000	
			DBHDID Replace Telephone Cabling System WSH	C-PI	1,250,000	1,250,000	
			DBHDID Replace Windows and Doors - multiple buildings WSH	C-PI	1,500,000	1,500,000	
			DBHDID Upgrade Mechanical Lines WSH	C-PI	2,046,000	2,046,000	
			SEC Maintenance Pool	C-PI	3,765,000	3,765,000	
2016-2018 Total					45,936,000	45,936,000	
Grand Total					492,208,300	277,107,000	218,101,300

Cabinet for Health and Family Services (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>
2012-2014					
	DPH Laboratory Newborn Screening Equipment	EQ	585,000		585,000 RF
	DPH Kentucky Automated Vital Statistics Info Sys	IT	19,200,000		19,200,000 RF
	2012-2014 Total		19,785,000		19,785,000
	Grand Total		19,785,000		19,785,000

Explanation of Acronyms

CHFS	Cabinet for Health and Family Services
DAIL	Department for Aging and Independent Living
DBHDID	Department of Behavioral Health Developmental and Intellectual Disabilities
DCB	Department of Community Based Services
DPH	Department of Public Health
ESH	Eastern State Hospital
ICF/MR	Intermediate Care Facility for Mental Retardation
KAAAP	KY Accuracy, Access, and Accountability Program
KASES	KY Automated Support and Enforcement System
KCPC	KY Correctional Psychiatric Center
SEC	Office of the Secretary
WSH	Western State Hospital
WSNF	Western State Nursing Facility

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>
2012-2014							
1	1		SEC Construct Medical Examiner Office/Jefferson Lab	C-O	20,130,000	20,130,000	
2	1		DSP Renovation of New Academy Buildings and Ground	C-O	5,000,000	5,000,000	
3	1		DJJ Miscellaneous Maintenance Pool	C-PI	1,200,000	1,200,000	
4	1		DPA Case Management System	IT	800,000	800,000	
5	1		DOC Expand Elliott County Phase II Med. Sec.	C-O	46,457,000	46,457,000	
6	2		SEC Medical Examiner's Office Fort Thomas	C-O	5,043,000	5,043,000	
7	2		DSP Information System Infrastructure Upgrade	IT	7,200,000	7,200,000	
8	2		DJJ Construct Secure Juvenile Detention Facility JC	C-O	18,025,000	18,025,000	
9	2		DOC Renovate Old Hospital Building NTC	C-O	17,368,000	17,368,000	
10	3		DSP Replace/Upgrade Mobile Data Computers	IT	2,000,000	2,000,000	
11	3		DJJ Construct New CLEP Facility	C-O	13,331,900	13,331,900	
12	3		DOC Construct 256 Secure/Wet Cells RCC	C-O	16,304,000	16,304,000	
13	4		DSP Miscellaneous Maintenance Pool	C-O	2,000,000	2,000,000	
14	4		DJJ Add 20 Beds Owensboro TC	C-O	3,245,000	3,245,000	
15	4		DOC Miscellaneous Maintenance Pool 2012-2014	C-O	8,000,000	8,000,000	
16	5		DSP Aircraft Maintenance Pool	EQ	1,600,000	1,600,000	
17	5		DJJ Fitup of Laurel RJDC	C-PI	772,000	772,000	
18	5		DOC Connect to Metropolitan Sewer Dist KCIW	C-PI	3,196,000	3,196,000	
19	6		DSP KYOPS Enhancement	IT	2,000,000	2,000,000	
20	6		DOC Repair and Stabilize Tower KSR	C-PI	2,711,000	2,711,000	
21	7		DSP Replacement of AFIS Livescan Equipment	IT	3,200,000	3,200,000	
22	7		DOC Replace Electronic Offender Mgt Systems Phase II	IT	2,000,000	2,000,000	
23	8		DSP Kentucky Interoperability Plan	IT	2,000,000	2,000,000	
24	8		DOC Replace Roof Main Building EKCC	C-PI	4,744,000	4,744,000	
25	9		DSP Renovate Information Services Building	C-O	2,207,000	2,207,000	
26	9		DOC Upgrade HVAC and Install Chiller LLCC	C-PI	4,078,000	4,078,000	
27	10		DSP Purchase GC/MS Gas Chromatography/MassSpectromet	EQ	1,000,000	1,000,000	
28	10		DOC Replace Roof Housing Unit One EKCC	C-PI	874,000	874,000	
29	11		DSP Purchase Liquid Chromatography-Tandem Mass Spect	EQ	290,000	290,000	
30	11		DOC Replace Roof Housing Unit Two EKCC	C-PI	874,000	874,000	
31	12		DSP Construct a New Harlan State Police Post	C-O	4,496,000	4,496,000	
32	12		DOC Create IT Capital Replacement Cycle Phase I	IT	2,317,000	2,317,000	
33	13		DSP Construct a New Richmond State Police Post	C-O	4,496,000	4,496,000	
34	13		DOC Replace Roof Recreational Bldg/Educational KCIW	C-PI	986,000	986,000	
35	14		DSP Construct a New Columbia State Police Post	C-O	4,496,000	4,496,000	
36	14		DOC Replace Roof Housing Unit No. 2 RCC	C-PI	700,000	700,000	
37	15		DSP Construct New Bowling Green Post	C-O	4,496,000	4,496,000	
38	15		DOC Replace Dorm Roofs KSR	C-PI	3,452,000	3,452,000	
39	16		DSP Construct a New Frankfort State Police Post	C-O	4,496,000	4,496,000	
40	16		DOC Replace Food Service Roof KSR	C-PI	1,351,000	1,351,000	
41	17		DSP Construct New Ashland State Police Post and Lab	C-O	6,687,000	6,687,000	
42	17		DOC Replace Kitchen Equipment Various Institutions	EQ	723,000	723,000	
43	18		DSP Construct Pikeville Post Addition	C-O	2,703,000	2,703,000	
44	18		DOC Replace Underground Steam/Condensate Lines EKCC	C-PI	5,750,000	5,750,000	
45	19		DSP Construct a New Western Lab	C-O	5,620,000	5,620,000	

Justice and Public Safety 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>
46	20	DSP Construct a New Southeastern Laboratory	C-O	3,091,000	3,091,000	
47	21	DSP Computerized Criminal History Project	IT	670,000	670,000	
48	22	DSP Infrared/Day Camera and Microwave Downlink	EQ	421,000	421,000	
49	23	DSP Replace Transport Aircraft: King Air 200	EQ	5,500,000	5,500,000	
50	24	DSP Replacement of 1968 MD 369A/OH-6A Aircraft	EQ	2,000,000	2,000,000	
51	25	DSP Replacement of 1983 Bell 206L3	EQ	2,000,000	2,000,000	
2012-2014 Total				264,100,900	264,100,900	
2014-2016						
		DJJ Add 12 Beds to McCracken RJDC	C-O	839,500	839,500	
		DSP Aircraft Maintenance Pool	EQ	1,600,000	1,600,000	
		DJJ Construct 4 New Group Homes on DJJ Campuses	C-O	3,731,200	3,731,200	
		DSP Construct a New Northern Laboratory	C-O	3,339,000	3,339,000	
		DOC Construct Food Service Building KSR	C-O	14,837,000	14,837,000	
		DOC Create IT Capital Replacement Cycle Phase II	IT	2,554,000	2,554,000	
		DSP Information Systems Infrastructure Upgrade	IT	1,518,000	1,518,000	
		DOC Install Emergency Generators KCIW, LLCC,GRCC	EQ	7,373,000	7,373,000	
		DOC Install High Mast Lighting KSR	C-PI	901,000	901,000	
		DSP Miscellaneous Maintenance Pool	C-O	2,000,000	2,000,000	
		DJJ Miscellaneous Maintenance Pool	C-PI	1,200,000	1,200,000	
		DOC Miscellaneous Maintenance Pool 2014-2016	C-O	7,684,000	7,684,000	
		DOC Renovate Main Building KCIW	C-PI	1,510,000	1,510,000	
		DSP Replacement of 1968 MD 369A/OH-6A Helicopter	EQ	2,000,000	2,000,000	
		DOC Upgrade Electronic Security GRCC	C-PI	1,177,000	1,177,000	
		DJJ Upgrade HVAC and Interior Renovation Louisville DT	C-PI	1,198,900	1,198,900	
		DJJ Voice Over Internet Protocol	IT	1,350,000	1,350,000	
2014-2016 Total				54,812,600	54,812,600	
2016-2018						
		DSP Aircraft Maintenance Pool	EQ	1,600,000	1,600,000	
		DSP Construct Morehead Post Extension	C-O	624,000	624,000	
		DJJ Construct Secure Juvenile Detention Facility W KY	C-O	12,422,200	12,422,200	
		DOC Create IT Capital Replacement Cycle Phase III	IT	2,816,000	2,816,000	
		DOC Install Security Cameras Various Institutions	EQ	2,910,000	2,910,000	
		DSP Miscellaneous Maintenance Pool	C-O	2,000,000	2,000,000	
		DJJ Miscellaneous Maintenance Pool	C-PI	1,400,000	1,400,000	
		DOC Miscellaneous Maintenance Pool 2016-2018	C-O	13,722,000	13,722,000	
		DJJ Renovate Kitchen Lake Cumberland YDC	C-O	962,500	962,500	
		DJJ Upgrade Security Systems Facilities Statewide	C-PI	3,035,000	3,035,000	
2016-2018 Total				41,491,700	41,491,700	
Grand Total				360,678,300	360,678,300	

Justice and Public Safety 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>
2012-2014					
	DCJT IT Initiative	IT	746,000		746,000 RF
	DCJT Miscellaneous Maintenance Pool	C-O	600,000		600,000 RF
	DCJT Public Safety Training Facility Addition	C-O	19,836,000		19,836,000 OT-LTF
	DCJT Vehicle Plan	C-O	345,000		345,000 RF
	2012-2014 Total		21,527,000		21,527,000
2014-2016					
	DCJT Miscellaneous Maintenance Pool	C-O	400,000		400,000 RF
	2014-2016 Total		400,000		400,000
2016-2018					
	DCJT Miscellaneous Maintenance Pool	C-O	400,000		400,000 RF
	2016-2018 Total		400,000		400,000
	Grand Total		22,327,000		22,327,000

Explanation of Acronyms

AFIS	Automated Fingerprint Identification System	HVAC	Heating, Ventilation, Air Conditioning
CLEP	Cadet Leadership Education Program	KCIW	KY Correctional Institution for Women
JT	Department of Criminal Justice Training	KSP	KY State Penitentiary
DPA	Department of Public Advocacy	KSR	KY State Reformatory
DOC	Department of Corrections	LLCC	Luther Luckett Correctional Complex
DJJ	Department of Juvenile Justice	NTC	Northpoint Training Center
DSP	Department of State Police	RCC	Roederer Correctional Complex
DT	Day Treatment	SEC	Office of the Secretary
EKCC	Eastern KY Correctional Complex	YDC	Youth Development Center
GRCC	Green River Correctional Complex		
KYOPS	Kentucky Open Portal Solution		

Public Protection 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>
2012-2014					
1	KHRC Integrated Database and Information System	IT	1,531,000	1,531,000	
	2012-2014 Total		1,531,000	1,531,000	
	Grand Total		1,531,000	1,531,000	

Explanation of Acronyms

KHRC KY Horse Racing Commission

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>
2012-2014							
1	1		DOP Miscellaneous Major Maintenance Pool	C-PI	12,000,000	12,000,000	
2	2		SFB Miscellaneous Major Maintenance Pool	C-PI	4,578,000	4,578,000	
3	1		KHP Minor Capital Projects Maintenance Pool	C-PI	3,455,000	3,455,000	
4	1		KCA Maintenance Pool	C-PI	1,100,000	1,100,000	
5	1		KY Artisans Center Miscellaneous Minor Maintenance Pool	C-PI	811,000	811,000	
6	1		FCC Maintenance Pool	C-PI	300,000	300,000	
7	2		DOP Upgrade Wastewater System Fort Boonesborough	C-PI	1,350,000	1,350,000	
8	1		SFB Kentucky Kingdom Redevelopment	C-PI	50,000,000	30,000,000	20,000,000 OT-P/OT-LB
9	1		NKCC Maintenance Pool	C-PI	300,000	300,000	
10	1		EKEC Maintenance Pool	C-PI	300,000	300,000	
11	10		SFB Freedom Hall Roof Replacement	C-PI	3,904,000	3,904,000	
12	4		SFB Commonwealth Parking Garage Repair	C-PI	2,000,000	2,000,000	
13	4		DOP Upgrade Guest Accommodations	C-PI	5,500,000	5,500,000	
14	3		SFB Cardinal Stadium Plant Replacement/Amphitheater	C-O	47,900,000	47,900,000	
15	5		DOP Splash Park Development Pool Various Parks	C-O	3,000,000	3,000,000	
16	6		DOP Technology Upgrades	IT	2,000,000	2,000,000	
17	12		DOP Restaurant Improvement/Upgrades Various Parks	C-PI	4,000,000	4,000,000	
18	10		DOP Improve/Construct Campground Facilities	C-PI	3,000,000	3,000,000	
19	9		DOP Upgrade/Replace Lodge (Design) Jenny Wiley	C-PI	5,500,000	5,500,000	
20	14		DOP Upgrade Recreational Building-Pool Tom Sawyer	C-PI	1,100,000	1,100,000	
21	2		KCA Reroof Flat Roofs	C-PI	1,100,000	1,100,000	
22	5		SFB Cowger Parking Garage	C-PI	600,000	600,000	
23	2		KHP Replace Roof: Museum, Gatehouse, VIC, Restaurant	C-PI	1,155,000	1,155,000	
24	9		SFB KICC Major Renovation Phase I	C-O	6,722,000	6,722,000	
25	11		SFB KEC West Wing and Pavilion Filtration	EQ	1,225,000	1,225,000	
26	1		KHS KY Military History Museum Renovations	C-O	1,001,426	674,075	327,351 OT-P
27	2		NKCC Convention Center Expansion	C-O	35,000,000	35,000,000	
28	3		KCA ADA Upgrades	C-PI	700,000	700,000	
29	20		DOP Golf Car and Equipment Replacement	EQ	1,500,000	1,500,000	
30	3		KHP Expand Campground	C-O	6,816,000	6,816,000	
31	18		DOP Equine Tourism Development Pool	C-O	2,850,000	2,850,000	
32	29		DOP Demolish Structures Statewide	C-O	600,000	600,000	
33	23		DOP Conference Center Design Cumberland Falls	C-O	800,000	800,000	
34	11		DOP Renovate/Replace Cottages	C-PI	5,400,000	5,400,000	
35	3		DOP Purchase Equipment	EQ	2,250,000	2,250,000	
36	27		DOP Conference Center Addition Lake Cumberland	C-PI	3,500,000	3,500,000	
37	7		SFB Upgrade HVAC Systems Phase I and II	C-PI	7,584,000	7,584,000	
38	31		DOP Repair My Old KY Home Amphitheater	C-PI	1,100,000	1,100,000	
39	8		SFB Roof Replacement Pool KEC	C-PI	2,849,000	2,849,000	
40	6		SFB Freedom Hall Administration Office Renovation	C-PI	1,114,000	1,114,000	
41	7		DOP Construct Golf Villas Grayson Lake	C-O	3,420,000	3,420,000	
42	8		DOP Dale Hollow Golf Course Slide Repair	C-PI	1,300,000	1,300,000	
43	19		DOP Renovate/Reconstruct Employee Housing	C-PI	1,000,000	1,000,000	
44	13		DOP Marina Expansion Yatesville Lake	C-O	1,550,000	1,550,000	
45	24		DOP Renovate Terrace Wall Audubon	C-PI	650,000	650,000	

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	33		DOP Upgrade Golf Course Irrigation KY Dam	C-PI	1,400,000	1,400,000	
47	15		DOP Upgrade Campground Cumberland Falls	C-O	2,000,000	2,000,000	
48	22		DOP Upgrade Golf Course Irrigation Lake Barkley	C-PI	1,400,000	1,400,000	
49	16		DOP Construct Cottages Dale Hollow Lake	C-O	5,975,000	5,975,000	
50	28		DOP Upgrade Walks and Steps Lake Cumberland	C-PI	612,000	612,000	
51	17		DOP Restore Fort Old Fort Harrod	C-PI	5,250,000	5,250,000	
52	22		DOP Land Acquisition	C-O	1,000,000	1,000,000	
53	21		DOP KD-Campground Gobblers Knob	C-O	12,385,000	12,385,000	
54	25		DOP Indoor Pool/Fitness Center Dale Hollow	C-O	5,050,000	5,050,000	
55	26		DOP Concrete Repairs Barren River	C-PI	600,000	600,000	
56	32		DOP Upgrade Fitness Facilities	C-O	2,000,000	2,000,000	
57	30		DOP Restore CCC Structures Statewide	C-PI	3,000,000	3,000,000	
58	4		KCA Energy Efficiency Improvements LED Lighting	EQ	200,000	200,000	
59	12		SFB Exterior Signage and Equipment Package KEC	C-O	4,000,000	4,000,000	
60	2		KHS KY History Center Shelving and Storage	EQ	255,300	255,300	
2012-2014 Total					291,411,726	271,084,375	20,327,351

2014-2016

DOP Construct Convention Center Cumberland Falls	C-O	2,400,000	2,400,000		
DOP Construct Indoor Pool KY Dam	C-PI	6,000,000	6,000,000		
DOP Construct Indoor Pool/Fitness Lake Cumberland	C-PI	6,100,000	6,100,000		
DOP Construct Miniature Golf Grayson Lake	C-PI	300,000	300,000		
DOP Construct Pine Mountain Trail State Park	C-O	5,600,000	3,000,000	2,600,000	RF/FF
DOP Enclose Lodge Pool General Butler	C-O	3,000,000	3,000,000		
DOP Golf Car and Equipment Replacement	EQ	1,500,000	1,500,000		
DOP Golf Course Development Mineral Mounds (Add'l)	C-O	800,000	800,000		
DOP Improve/Construct Campground Facilities	C-O	3,000,000	3,000,000		
DOP Land Acquisition	C-O	1,000,000	1,000,000		
DOP Miscellaneous Maintenance Pool	C-PI	12,000,000	12,000,000		
DOP Park Upgrades Levi Jackson	C-O	600,000	600,000		
DOP Purchase Equipment	C-PI	2,250,000	2,250,000		
DOP Repair Amphitheater Jenny Wiley	C-PI	750,000	750,000		
DOP Replace Community Pool Carter Caves	C-O	3,125,000	3,125,000		
DOP Restaurant Improvement/Upgrades Various Parks	C-PI	4,000,000	4,000,000		
DOP Restoration Structural Elements Whitehall SHS	C-PI	950,000	950,000		
DOP Tennis Center Improvements Kenlake State Park	C-O	800,000	800,000		
DOP Upgrade Guest Accommodations	C-PI	5,500,000	5,500,000		
DOP Upgrade HVAC System White Hall	C-PI	850,000	850,000		
DOP Upgrade/Replace Lodge (Construction) Jenny Wiley	C-O	30,000,000	30,000,000		
DOP Widen Boat Ramp and Expand Parking Taylorsville Lake	C-O	3,200,000	3,200,000		
EKEC Maintenance Pool	C-PI	300,000	300,000		
FCC Maintenance Pool	C-PI	300,000	300,000		
KACB Miscellaneous Minor Maintenance Pool	C-PI	450,000	450,000		
KCA Build Offices over the Loading Dock	C-O	2,840,000	2,840,000		
KCA Facility Network Re-Cabling Project	C-PI	200,000	200,000		
KCA Intelligent Lighting Equipment Package	C-PI	300,000	300,000		
KCA Key Card Access	C-PI	600,000	600,000		

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>
	KCA Wireless Infrastructure Project	C-PI	300,000	300,000	
	KHP Acquire Land	C-O	2,100,000	2,100,000	
	KHP Minor Capital Projects Maintenance Pool	C-PI	3,420,000	3,420,000	
	KHP Renovate and Expand the Hall of Champions Complex	C-O	647,000	647,000	
	NKCC Maintenance Pool	C-PI	300,000	300,000	
	SFB Construct KEC Pedestrian Overhead Walkways	C-O	1,150,000	1,150,000	
	SFB KICC Major Renovation Phase II	C-PI	23,277,000	23,277,000	
	SFB Miscellaneous Major Maintenance Pool 2014-16	C-PI	3,000,000	3,000,000	
	SFB Upgrade HVAC Phase III KEC	C-PI	13,650,000	13,650,000	
	2014-2016 Total		147,159,000	147,159,000	2,600,000
2016-2018					
	DOP Construct Picnic Shelter/Statewide	C-O	750,000	750,000	
	DOP Construct Cottages Greenbo Lake	C-O	3,680,000	3,680,000	
	DOP Convert Admin Building to Visitor Center Boonesboro	C-PI	940,000	940,000	
	DOP Develop Park Yatesville Lake	C-O	750,000	750,000	
	DOP Golf Car and Equipment Replacement	EQ	1,500,000	1,500,000	
	DOP Golf Course Development Pennyryle (Add'l)	C-O	2,950,000	2,950,000	
	DOP Improve/Construct Campground Facilities	C-PI	3,000,000	3,000,000	
	DOP Land Acquisition	C-O	1,000,000	1,000,000	
	DOP Miscellaneous Maintenance Pool	C-PI	12,000,000	12,000,000	
	DOP Purchase Equipment	EQ	2,250,000	2,250,000	
	DOP Recreation Improvements Jenny Wiley	C-O	3,000,000	3,000,000	
	DOP Restaurant Improvement/Upgrades Various Parks	C-PI	4,000,000	4,000,000	
	DOP Upgrade Guest Accommodations	C-PI	5,500,000	5,500,000	
	EKEC Maintenance Pool	C-PI	300,000	300,000	
	FCC Maintenance Pool	C-PI	300,000	300,000	
	KACB Miscellaneous Minor Maintenance Pool	C-PI	450,000	450,000	
	KCA Backup Data Center and Network Switch Upgrades	C-PI	200,000	200,000	
	KCA Computer Upgrades	C-PI	200,000	200,000	
	KCA Maintenance Pool	C-PI	1,100,000	1,100,000	
	KCA Server High-Availability Environment	C-PI	200,000	200,000	
	KCA South Lobby Donor Recognition Room	C-PI	2,000,000	2,000,000	
	KHP Expand/Renovate Breeds Barn	C-PI	1,772,000	1,772,000	
	KHP Expand/Renovate Covered Arena	C-PI	17,772,000	17,772,000	
	KHP Minor Capital Projects Maintenance Pool	C-PI	3,530,000	3,530,000	
	KHP Renovate Campground Sites and Bathhouses	C-PI	1,188,000	1,188,000	
	KHP Renovate Restaurant Facility	C-PI	698,000	698,000	
	NKCC Maintenance Pool	C-PI	300,000	300,000	
	SFB Miscellaneous Major Maintenance Pool 2016-18	C-PI	3,000,000	3,000,000	
	SFB Portable Telescopic Seating KICC	EQ	2,600,000	2,600,000	
	SFB Sanitary Sewer Line Replacement KEC	C-PI	2,750,000	2,750,000	
	2016-2018 Total		79,680,000	79,680,000	
	Grand Total		520,850,726	497,923,375	22,927,351

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</u> <u>Budget</u>	<u>General</u> <u>Funds</u>	<u>Other</u> <u>Funds/</u> <u>Source(s)</u>
2012-2014							
1			DOP Road Maintenance Various Parks	C-PI	4,300,000		4,300,000
2012-2014 Total					4,300,000		4,300,000
2014-2016							
			DOP Develop Entrance Road Kingdom Come	C-O	8,000,000		8,000,000
			DOP Road Maintenance Various Parks	C-PI	4,700,000		4,700,000
2014-2016 Total					12,700,000		12,700,000
2016-2018							
			DOP Road Maintenance Various Parks	C-PI	5,100,000		5,100,000
2016-2018 Total					5,100,000		5,100,000
Grand Total					22,100,000		22,100,000

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>
2012-2014					
	DFW Boating/Fishing Access Pool	C-O	1,200,000	1,200,000	RF
	DFW Fees-in-Lieu-of Stream Mitigation Projects Pool	C-O	20,000,000	20,000,000	RF
	DFW Land Acquisition Pool	C-O	2,000,000	2,000,000	RF
	DFW Minor Projects Pool	C-O	2,000,000	2,000,000	RF
	DOP Covered Bridge Restoration/Repair Cabin Creek	C-PI	1,180,000	1,180,000	FF/OT-LTF
	2012-2014 Total		26,380,000	26,380,000	
2014-2016					
	DFW Boating/Fishing Access Pool	C-O	1,200,000	1,200,000	RF
	DFW Fees-in-Lieu-of Stream Mitigation Projects Pool	C-O	20,000,000	20,000,000	RF
	DFW Land Acquisition Pool	C-O	2,000,000	2,000,000	RF
	DFW Minor Projects Pool	C-O	2,000,000	2,000,000	RF
	KHP Renovate International Museum of the Horse	C-O	2,808,000	2,808,000	OT-P
	2014-2016 Total		28,008,000	28,008,000	
2016-2018					
	DFW Boating/Fishing Access Pool	C-O	1,200,000	1,200,000	RF
	DFW Fees-in-Lieu-of Stream Mitigation Projects Pool	C-O	20,000,000	20,000,000	RF
	DFW Land Acquisition Pool	C-O	2,000,000	2,000,000	RF
	DFW Minor Projects Pool	C-O	2,000,000	2,000,000	RF
	2016-2018 Total		25,200,000	25,200,000	
	Grand Total		79,588,000	79,588,000	

Explanation of Acronyms

CCC	Civilian Conservation Corps
DFW	Department of Fish and Wildlife Resources
DOP	Department of Parks
EKEC	Eastern KY Exposition Center
FCC	Frankfort Convention Center
HVAC	Heating, Ventilation, Air Conditioning
KACB	KY Artisans Center at Berea
KCA	KY Center for the Arts
KD	KY Dam Village State Resort Park
KEC	KY Exposition Center
KHP	KY Horse Park
KHS	KY Historical Society
KICC	KY International Convention Center
NKCC	Northern KY Convention Center
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>
2012-2014							
1	1		DOA Aircraft Major Maintenance Pool	EQ	1,200,000	1,200,000	
2	1		SEC Various Airport Buildings; Repair	C-O	1,000,000	1,000,000	
3	2		SEC Construct Two Box Hangars	C-O	900,000	900,000	
2012-2014 Total					3,100,000	3,100,000	
2014-2016							
			DOA Aircraft Major Maintenance Pool	EQ	1,200,000	1,200,000	
			SEC Construct T-Hangars	C-O	500,000	500,000	
2014-2016 Total					1,700,000	1,700,000	
2016-2018							
			DOA Aircraft Major Maintenance Pool	EQ	1,200,000	1,200,000	
			SEC Construct One Large Hangar	C-O	1,000,000	1,000,000	
			SEC Construct T-Hangars	C-O	500,000	500,000	
2016-2018 Total					2,700,000	2,700,000	
Grand Total					7,500,000	7,500,000	

Transportation 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>Road Fund</u>	<u>Other Funds/ Source(s)</u>
2012-2014							
1	1		SEC Building/Site Renovation and Emergency Repair	C-PI	2,865,000	2,865,000	
2	2		SEC Salt Storage Facility and Ancillary Building Maintenance and Repair	C-PI	1,305,000	1,305,000	
3	1		DOH Various Environmental Compliance	C-O	1,295,000	1,295,000	
4	2		DOH Repair Loadometer and Rest Areas	C-PI	1,500,000	1,500,000	
5	3		SEC Water and Wastewater	C-PI	572,000	572,000	
6	4		SEC Replace Overhead Doors and Emergency Repairs	C-PI	715,000	715,000	
7	5		SEC Construct Muhlenberg County Maintenance Facility and Salt Storage	C-O	1,440,000	1,440,000	
8	6		SEC Construct Harrison County Maintenance Facility and Salt Storage	C-O	1,440,000	1,440,000	
9	7		SEC Construct Nicholas County Maintenance Facility and Salt Storage	C-O	1,440,000	1,440,000	
10	8		SEC Construct Menifee County Maintenance Facility and Salt Storage	C-O	1,440,000	1,440,000	
11	9		SEC Construct Knott County Maintenance Facility and Salt Storage	C-O	1,440,000	1,440,000	
12	10		SEC Construct Ballard County Maintenance Facility and Salt Storage	C-O	1,440,000	1,440,000	
13	11		SEC Construct Henderson County Maintenance Facility and Salt Storage	C-O	1,440,000	1,440,000	
14	3		DOH Videologging Roadway Feature System	EQ	600,000	120,000	480,000 FF
15	4		DOH Laser Crack Measurement System (LCMS)	EQ	600,000	120,000	480,000 FF
16	5		DOH LiDAR for Video-Logging Vans	EQ	400,000	80,000	320,000 FF
17	1		DVR Replace KY Driver Licensing System (KDLIS)	IT	12,500,000	12,500,000	
18	2		DVR Flat Digitized License Plates	EQ	1,250,000	1,250,000	
19	6		DOH Road Maintenance Parks	C-O	3,000,000	3,000,000	
2012-2014 Total					62,467,000	35,402,000	1,280,000
2014-2016							
			DOH Repair Loadometer and Rest Areas	C-PI	1,500,000	1,500,000	
			DOH Road Maintenance Parks	C-O	3,000,000	3,000,000	
			DOH Various Environmental Compliance	C-O	1,105,000	1,105,000	
			SEC Building/Site Renovation and Emergency Repair	C-PI	3,100,000	3,100,000	
			SEC Construct Bath County Maintenance Facility and Salt Storage	C-O	1,550,000	1,550,000	
			SEC Construct Breckinridge Co. Maintenance Facility and Salt Storage	C-O	1,550,000	1,550,000	
			SEC Construct Hart County Maintenance Facility and Salt Storage	C-O	1,260,000	1,260,000	
			SEC Replace Breathitt County District Office	C-O	6,600,000	6,600,000	
			SEC Replace Overhead Doors and Emergency Repairs	C-PI	775,000	775,000	
			SEC Salt Storage Facility and Ancillary Building Maintenance and Repair	C-PI	1,405,000	1,405,000	
			SEC Water and Wastewater	C-PI	620,000	620,000	
2014-2016 Total					22,465,000	22,465,000	

Transportation Cabinet (continued)

Projects involving the Road Fund

Priority # Cab Ag	Project	Type	Total Budget	Road Fund	Other Funds/ Source(s)
2016-2018					
	DOH Repair Loadometer and Rest Areas	C-PI	1,500,000	1,500,000	
	DOH Road Maintenance Parks	C-O	3,000,000	3,000,000	
	DOH Various Environmental Compliance	C-O	940,000	940,000	
	SEC Building/Site Renovation and Emergency Repair	C-PI	3,345,000	3,345,000	
	SEC Construct Boyd Co. Maintenance and Storage Facility	C-O	1,675,000	1,675,000	
	SEC Construct Harlan Co. Maintenance and Storage Facility	C-O	1,360,000	1,360,000	
	SEC Construct Letcher Co. Maintenance and Storage Facility	C-O	1,675,000	1,675,000	
	SEC Construct Marshall Co. Maintenance and Storage Facility	C-O	1,675,000	1,675,000	
	SEC Construct Morgan Co. Maintenance and Storage Facility	C-O	1,675,000	1,675,000	
	SEC Construct Pike Co. Maintenance and Storage Facility	C-O	1,675,000	1,675,000	
	SEC Construct Wolfe Co. Maintenance and Storage Facility	C-O	1,675,000	1,675,000	
	SEC Replace Overhead Doors and Emergency Repairs	C-PI	835,000	835,000	
	SEC Salt Storage Facility and Ancillary Bldg Maintenance	C-PI	1,520,000	1,520,000	
	SEC Water and Wastewater	C-PI	675,000	675,000	
	2016-2018 Total		23,225,000	23,225,000	
	Grand Total		108,157,000	81,092,000	1,280,000

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>
2012-2014					
1	KYVL Infrastructure Rebuild	IT	16,850,000	16,850,000	
2	Course Redesign Initiative	IT	2,000,000	2,000,000	
3	Enterprise Data Collection, Analy and Rept System	IT	2,000,000	2,000,000	
4	Expand KY Reg Optical Network Infrastructure	IT	4,250,000	4,250,000	
5	KnowHow2GoKY.org Learner Portal	IT	1,200,000	1,200,000	
6	Purchase Interactive Video Control Center	IT	1,000,000	1,000,000	
7	Upgrade CPE Technology Infrastructure	IT	1,000,000	1,000,000	
8	KYVC/KYVL Create Statewide Tech Lab	IT	4,000,000	4,000,000	
	2012-2014 Total		32,300,000	32,300,000	
	Grand Total		32,300,000	32,300,000	

Explanation of Acronyms

CPE Council on Postsecondary Education
 KYVC KY Virtual College
 KYVL KY Virtual Library

Eastern 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>
2012-2014					
1	Construct Science Building Phase II	C-O	65,040,000	65,040,000	
2	Construct College of Education Complex	C-O	81,819,000	81,819,000	
3	Construct E&G Life Safety Begley Elevator	C-O	750,000	750,000	
4	Construct Danville Postsecondary Education Center	C-O	20,300,000	20,300,000	
5	Construct Aviation Instruction Facility	C-O	5,575,000	5,575,000	
6	Renovate Student Health Center	C-PI	2,655,000	2,655,000	
7	Renovate and Expand Powell Building	C-PI	41,830,000	41,830,000	
8	Renovate Weaver Building	C-PI	13,584,000	13,584,000	
9	Purchase Minor Projects Equipment	EQ	5,000,000	5,000,000	
10	Upgrade Academic Computing	IT	4,900,000	2,900,000	2,000,000 RF
11	Upgrade Administrative Computing	IT	3,150,000	3,150,000	
12	Renovate HVAC Systems	C-PI	10,000,000	5,000,000	5,000,000 RF
13	Renovate Lancaster Center Building	C-PI	1,472,000	1,472,000	
14	Purchase Networked Education System Components	IT	6,950,000	6,950,000	
15	Expand/Upgrade Campus Data Network	IT	13,212,000	11,212,000	2,000,000 RF
16	EKU-UK Dairy Research Project (Meadowbrook Farm)	C-O	10,160,000	10,160,000	
2012-2014 Total			286,397,000	277,397,000	9,000,000
2014-2016					
	Construct Arts and Humanities Building	C-O	41,000,000	41,000,000	
	Construct Extended Campus Corbin Phase II	C-O	23,200,000	23,200,000	
	Expand, Upgrade Campus Data Network	IT	13,212,000	11,212,000	2,000,000 RF
	Purchase Networked Education System Components	IT	7,000,000	7,000,000	
	Renovate Bert Combs Building	C-PI	25,779,000	25,779,000	
	Upgrade Academic Computing	IT	5,000,000	3,000,000	2,000,000 RF
	Upgrade Administrative Computing System	IT	3,250,000	3,250,000	
2014-2016 Total			118,441,000	114,441,000	4,000,000
2016-2018					
	Construct Health Sciences Building	C-O	32,500,000	32,500,000	
	Construct University Information Technology Center	C-O	40,585,000	40,585,000	
	Expand, Upgrade Campus Data Network	IT	13,212,000	11,212,000	2,000,000 RF
	Purchase Networked Education System Components	IT	7,100,000	7,100,000	
	Renovate Alumni Coliseum	C-PI	31,350,000	31,350,000	
	Renovate Alumni Coliseum and Weaver Pools	C-PI	2,500,000	2,500,000	
	Renovate and Upgrade Heat Plant	C-PI	5,000,000	5,000,000	
	Renovate Begley Building Concrete	C-PI	1,250,000	1,250,000	
	Renovate Moore Building	C-PI	26,579,000	26,579,000	
	Renovate Whalen Complex	C-PI	20,837,000	20,837,000	
	Upgrade Academic Computing	IT	5,100,000	3,100,000	2,000,000 RF
	Upgrade Administrative Computing System	IT	3,350,000	3,350,000	
2016-2018 Total			189,363,000	185,363,000	4,000,000
Grand Total			594,201,000	577,201,000	17,000,000

Eastern Kentucky University (continued)

Projects involving 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>
2012-2014					
	Construct New Student Housing	C-O	36,000,000		36,000,000 AB
	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
	Construct University Activity Center Phase II	C-O	31,275,000		31,275,000 AB
	Renovate Residence Hall	C-PI	12,000,000		12,000,000 AB
	2012-2014 Total		135,525,000		135,525,000
2014-2016					
	Renovate Residence Hall	C-PI	12,000,000		12,000,000 AB
	2014-2016 Total		12,000,000		12,000,000
2016-2018					
	Construct New Student Housing	C-O	19,200,000		19,200,000 AB
	Renovate Residence Hall	C-PI	12,000,000		12,000,000 AB
	2016-2018 Total		31,200,000		31,200,000
	Grand Total		178,725,000		178,725,000

Eastern Kentucky University (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>
2012-2014					
	Alumni Coliseum Addition/Field House Shell	C-O	3,000,000	3,000,000	OT-P
	Construct Addition to Ashland Building	C-O	1,775,000	1,775,000	RF
	Construct Bio-Fuels Research Facility	C-O	12,000,000	12,000,000	FF
	Construct EKU Early Childhood Center	C-O	3,284,000	3,284,000	RF
	Construct Public Safety Training Facility Addition	C-O	19,836,000	19,836,000	OT-LTF
	Construct Regional Health Facility	C-O	12,500,000	12,500,000	FF
	Construct Student Athlete Support Facility	C-O	7,670,000	7,670,000	RF
	Expand Indoor Tennis Facility	C-O	3,162,000	3,162,000	OT-P
	Install Lights for Baseball, Softball and Soccer	EQ	1,200,000	1,200,000	OT
	Miscellaneous Maintenance Pool	C-PI	10,000,000	10,000,000	RF
	Purchase of Adjacent Property	C-PI	3,000,000	3,000,000	OT-P
	Purchase Video Board and Sound System Alumni	EQ	1,500,000	1,500,000	RF/OT-P
	Renovate Ambulance Building	C-PI	930,000	930,000	RF
	Renovate Baseball Complex	C-PI	2,000,000	2,000,000	OT-P
	Renovate Blanton House	C-PI	1,100,000	1,100,000	RF
	Renovate Property	C-PI	2,000,000	2,000,000	OT-P
	Renovate Women's Softball Complex	C-PI	1,500,000	1,500,000	OT-P
	2012-2014 Total		86,457,000	86,457,000	
2014-2016					
	Miscellaneous Maintenance Pool	C-PI	10,000,000	10,000,000	RF
	2014-2016 Total		10,000,000	10,000,000	
2016-2018					
	Miscellaneous Maintenance Pool	C-PI	10,000,000	10,000,000	RF
	2016-2018 Total		10,000,000	10,000,000	
	Grand Total		106,457,000	106,457,000	

Explanation of Acronyms

E&G Education and General
 EKU Eastern KY University
 HVAC Heating, Ventilation, and Air Conditioning
 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>	
2012-2014						
1	Construct MCTC/MSU Postsecondary Center of Exc Phase I	C-O	36,000,000	36,000,000		
2	Construct Allied Health/Science Building Hopkinsville CC	C-O	28,000,000	28,000,000		
3	Renovate Downtown Campus Phase II JCTC	C-PI	28,612,000	28,612,000		
4	Construct Newtown Campus Phase I Bluegrass CTC	C-O	45,000,000	45,000,000		
5	Construct Urban Campus Gateway CTC	C-O	62,881,000	62,881,000		
6	Construct Madisonville Postsecondary Ed Center (Add'l)	C-O	19,564,000	19,564,000		
7	Construct Owensboro Advanced Technology Center Phase II	C-O	9,500,000	9,500,000		
8	Construct Carrollton Campus Phase I JCTC	C-O	15,000,000	15,000,000		
9	Construct Muhlenberg Campus Phase II Madisonville CC	C-O	12,200,000	12,000,000	200,000	OT-P
10	Construct Arts School West KY CTC	C-O	18,000,000	18,000,000		
11	Const Advanced Manufacture Facility Bluegrass CTC (Add'l)	C-O	24,000,000	24,000,000		
12	Renovate for Southeast Ed. Alliance Center SKCTC	C-O	15,232,000	13,832,000	1,400,000	FF
13	Renovate Buildings, New Parking and Loop Road BGTC	C-PI	9,500,000	9,500,000		
14	Construct Comm Intergeren Center (Add'l) Lees Hazard CTC	C-O	16,015,000	16,015,000		
15	Renovate Academic/LRC Building Ashland CTC	C-PI	22,678,000	22,678,000		
16	Expansion of Pikeville Campus Big Sandy CTC	C-O	19,952,000	19,952,000		
17	Renovate Admin Building Elizabethtown CTC	C-PI	2,720,000	2,720,000		
18	Const Arts and Humanities Building Somerset CC North	C-O	19,405,000	19,405,000		
19	Allied Health Building Henderson CC	C-O	18,950,000	18,950,000		
20	Const Allied Health/Ed Alliance Center SKCTC	C-O	29,031,000	29,031,000		
21	Capital Renewal and Deferred Maintenance Pool	C-PI	38,000,000	38,000,000		
22	Construct Allied Health Building Phase II West KY CTC	C-O	16,762,000	16,762,000		
23	Construct School of Craft Phase II Hazard	C-O	2,309,000	659,000	1,650,000	FF/OT-P/OT-LTF
24	Renovate HVAC System Meece Building Somerset CC	C-PI	3,000,000	3,000,000		
25	Renovate Downtown Campus Owensboro CTC	C-O	2,753,000	2,753,000		
26	Const Technology Dr Campus Ph III (Add'l) Ashland	C-O	11,000,000	11,000,000		
27	Construct Somerset. CC Extension Center Russell County	C-O	18,650,000	18,650,000		
28	Construct Student Services Building Bowling Green TC	C-O	20,194,000	20,194,000		
29	Construct Bullitt County Campus Jefferson CTC	C-O	28,916,000	28,916,000		
30	Construct Skilled Craft Training Center Phase III West KY	C-PI	2,630,000	2,630,000		
31	Master Plan Development and Upgrade Pool	C-O	1,500,000	1,500,000		
32	KCTCS Equipment Pool	EQ	20,000,000	20,000,000		
33	KCTCS Information Tech Infrastructure Upgrade	IT	12,000,000	12,000,000		
34	Acquisition of System Office Building	C-O	7,100,000	7,100,000		
2012-2014 Total			637,054,000	633,804,000	3,250,000	

Kentucky Community and Technical College System (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>
2014-2016					
	Capital Renewal and Deferred Maintenance Pool	C-PI	38,000,000	38,000,000	
	Construct 3rd Floor Addition to LRC Madisonville CC	C-PI	4,680,000	4,680,000	
	Construct Administration/Academic Building Maysville CTC	C-O	10,361,000	10,361,000	
	Construct Allied Health Building Bowling Green TC	C-O	17,156,000	17,156,000	
	Construct Allied Health Building, Hazard CTC	C-O	21,531,000	21,354,000	177,000 FF
	Construct Arts and Humanities Building Hopkinsville CC	C-O	19,507,000	19,507,000	
	Construct Child Care Center Middlesboro Campus SKCTC	C-O	3,945,000	3,945,000	
	Construct Classroom/Student Center Boone Campus Gateway CTC	C-O	38,874,000	38,874,000	
	Construct Commonwealth College Center West KY CTC	C-O	15,995,000	15,995,000	
	Construct Danville Campus Expansion Bluegrass CTC	C-O	13,412,000	13,412,000	
	Construct Emerging Tech Facility Hopkinsville CC	C-O	19,585,000	19,585,000	
	Construct Licking Valley Center Phase III Maysville CTC	C-O	10,503,000	10,503,000	
	Construct Mt. Sterling Center Maysville CTC	C-O	9,455,000	9,455,000	
	Construct Multi-purpose Building Big Sandy CTC	C-O	9,905,000	9,905,000	
	Construct Paris Center Maysville CTC	C-O	9,455,000	9,455,000	
	Construct School of Craft Phase III Hazard CTC	C-O	4,938,000	4,938,000	
	Construct Student Commons/Library Ashland CTC	C-O	19,050,000	19,050,000	
	Construct Technology Education Bldg Somerset CC Laurel North	C-O	26,875,000	26,875,000	
	Construct Technology Building Hazard CTC	C-O	21,992,000	21,992,000	
	Construct Training Facility NARA Bluegrass CTC	C-O	19,100,000	19,100,000	
	Construct Waller Hall Addition West KY CTC	C-O	10,481,000	10,481,000	
	Construct Winchester Campus Expansion Bluegrass CTC	C-O	14,861,000	12,361,000	2,500,000 OT-P
	Construct Skilled Craft Training Center Phase IV West KY	C-PI	6,673,000	6,673,000	
	Expansion of Glasgow Campus Bowling Green TC	C-O	10,479,000	10,479,000	
	Expansion of Main Campus Phase II Bowling Green TC	C-O	26,837,000	26,837,000	
	Expansion of Fine Arts Center Henderson CC	C-O	5,278,000	4,778,000	500,000 OT-P
	KCTCS Equipment Pool	C-PI	10,000,000	10,000,000	
	Maintain and Renovate Projects Owensboro CTC	C-PI	2,752,000	2,752,000	
	Purchase and Renovate Jefferson Ed Center Jefferson CTC	C-O	21,679,000	21,679,000	
	Renovate and Expand Academic/Allied Health Owensboro CTC	C-O	10,350,000	10,350,000	
	Renovate Academic Building Hopkinsville CC	C-PI	9,948,000	9,948,000	
	Renovate Administration Building Whitesburg Campus SKCTC	C-PI	3,009,000	3,009,000	
	Renovate Administration Building Maysville CTC	C-PI	6,840,000	6,840,000	
	Renovate All Buildings Jefferson CTC Tech Campus	C-O	36,450,000	36,450,000	
	Renovate Anderson Building West KY CTC	C-PI	3,000,000	3,000,000	
	Renovate Auditorium Building Hopkinsville CC	C-PI	3,992,000	3,992,000	
	Renovate Auditorium SW Campus Jefferson CTC	C-PI	2,090,000	2,090,000	
	Renovate Big Sandy CTC Facilities College-wide	C-PI	10,500,000	10,500,000	
	Renovate Building E Big Sandy CTC Mayo Campus	C-PI	3,645,000	3,645,000	
	Renovate Building 2 Harlan Campus SKCTC	C-PI	5,171,000	5,171,000	
	Renovate Labs VTI Building Jefferson CTC	C-O	5,887,000	5,887,000	
	Renovate Leestown Campus Bluegrass CTC	C-PI	3,255,000	3,255,000	
	Renovate LRC Building Hopkinsville CC	C-PI	4,067,000	4,067,000	
	Renovate of Mining Building SKCTC Harlan Campus	C-PI	6,171,000	6,171,000	
	Renovate Oswald Building Cooper Campus Bluegrass CTC	C-PI	2,470,000	2,470,000	
	Renovate Parsons Building Ashland CTC	C-PI	20,175,000	20,175,000	
	Renovate Science Labs Jefferson CTC	C-PI	3,202,000	3,202,000	

Kentucky Community and Technical College System (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>
	Renovate Stoner Hall Theater Somerset CC	C-PI	1,132,000	1,132,000	
	Renovate Van Meter Gym Lees Campus Hazard CTC	C-PI	2,159,000	2,159,000	
	Renovate VTI Building Jefferson CTC Downtown Campus	C-PI	25,070,000	25,070,000	
	Renovate Tech Campus Madisonville CC	C-PI	3,157,000	3,157,000	
	Renovate Jackson Hall Hazard CTC	C-PI	1,805,000	1,805,000	
	Renovate Nursing Building Hazard CTC	C-PI	1,660,000	1,660,000	
	Renovate Southeastern Campus Owensboro CTC	C-PI	4,185,000	4,185,000	
	Renovate Technology Building Hazard CTC	C-PI	9,531,000	9,531,000	
	Repairs to Allied Health Building West KY CTC	C-PI	1,100,000	1,100,000	
	Replace HVAC System Main Campus Owensboro CTC	C-PI	5,065,000	5,065,000	
	Replace HVAC Units Somerset CC South Campus	C-PI	2,542,000	2,542,000	
	2014-2016 Total		648,579,000	645,402,000	3,177,000
2016-2018					
	Acquire Land/Campus Upgrades Somerset CC	C-O	5,500,000	5,500,000	
	Capital Renewal and Deferred Maintenance Pool	C-PI	38,000,000	38,000,000	
	Construct Arboretum and Trails Maysville CTC	C-O	1,179,000	1,179,000	
	Construct Bullitt Campus Phase II Jefferson CTC	C-O	9,790,000	9,790,000	
	Construct Campus Gateway West KY CTC	C-O	1,524,000	1,524,000	
	Construct Carrollton Campus Phase II Jefferson CTC	C-O	17,234,000	17,234,000	
	Construct Child Care Center Cumberland Campus SKCTC	C-O	4,246,000	4,246,000	
	Construct Child Development Center Henderson CC	C-O	4,041,000	1,541,000	2,500,000 OT-P
	Construct Classroom/Admin Building Boone Campus Gateway CTC	C-O	37,004,000	37,004,000	
	Construct Emerging Technology Center Expansion West KY CTC	C-O	11,599,000	11,599,000	
	Construct KATI Phase II Bowling Green Tech College	C-O	9,220,000	9,220,000	
	Construct LRC/Student Services Building Jefferson CTC Downtown	C-O	31,939,000	31,939,000	
	Construct Maintenance and Operations Facility Hopkinsville CC	C-O	3,393,000	3,393,000	
	Construct Maintenance and IT Building Cumberland Campus SKCTC	C-O	3,680,000	3,680,000	
	Construct Maintenance Building Middlesboro Campus SKCTC	C-O	3,320,000	3,320,000	
	Construct Maintenance Facility Jefferson CTC DT	C-O	1,079,000	1,079,000	
	Construct Maintenance Facility Jefferson CTC Southwest	C-O	1,079,000	1,079,000	
	Construct Midwest Center for Energy/Comm. Gateway CTC	C-O	15,622,000	15,622,000	
	Construct New Campus Entrance Jefferson CTC SW	C-O	1,207,000	1,207,000	
	Construct. New Entrance Bluegrass CTC Leestown	C-PI	1,131,000	1,131,000	
	Construct New Road Entrances Cumberland SKCTC	C-PI	2,300,000	2,300,000	
	Construct Parking Lot and Lighting Madisonville CC	C-O	878,000	878,000	
	Construct Parking Edgewood Campus Gateway CTC	C-O	4,146,000	4,146,000	
	Construct Tech Building Jefferson CTC Southwest Campus	C-O	24,599,000	24,599,000	
	Construct Technology Center Phase II Maysville CTC	C-O	20,634,000	20,634,000	
	Construct Transpark Campus Phase II Bowling Green TC	C-O	13,186,000	13,186,000	
	Construct Waller Hall Addition West KY CTC	C-O	11,638,000	11,638,000	
	Expansion of Shelby County Campus Jefferson CTC	C-O	14,509,000	14,509,000	
	Expansion of Main Campus Phase III Bowling Green TC	C-O	29,053,000	29,053,000	
	Infrastructure Upgrades Madisonville CC	C-PI	1,200,000	1,200,000	
	Install Sprinkler Systems West KY CTC	C-PI	672,000	672,000	
	KCTCS Equipment Pool	EQ	10,000,000	10,000,000	
	Renovate Concourse Cumberland Campus SKCTC	C-PI	1,350,000	1,350,000	
	Renovate Grounds Main Campus Bowling Green TC	C-PI	6,540,000	6,540,000	
	Renovate Mechanical Systems Jefferson CTC SW Campus	C-PI	7,700,000	7,700,000	

Kentucky Community and Technical College System (continued)

<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>
	Renovate Waller Hall West KY CTC	C-PI	4,154,000	4,154,000	
	Repave Lots and Construct Drives West Ky CTC	C-PI	2,304,000	2,304,000	
	Repave Parking Lots Jefferson CTC	C-PI	775,000	775,000	
	Upgrade Building Utilities Jefferson CTC	C-PI	3,718,000	3,718,000	
	Upgrade Fire Alarm/Install Sprinkler Somerset CC	C-PI	1,803,000	1,803,000	
	2016-2018 Total		350,981,000	348,481,000	2,500,000
	Grand Total		1,636,614,000	1,627,687,000	8,927,000

Explanation of Acronyms

BGTC	Bluegrass Technical College
CC	Community College
CTC	Community and Technical College
DT	Downtown
HVAC	Heating, Ventilation, and Air Conditioning
JCTC	Jefferson Community and Technical College
KATI	Kentucky Advanced Technology Center
KCTCS	KY Community and Technical College System
LRC	Learning Resource Center
MCTC	Maysville Community and Technical College
MSU	Morehead State University
NARA	North American Racing Academy
SKCT	Southeast Kentucky Community and Technical College
TC	Technical College
VTI	Vocational Training Institute

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>
2012-2014					
1	Renovate and Expand Betty White Nursing Building	C-PI	9,028,000	9,028,000	
2	Build Central Boiler Plant and Replace Aging Dist	C-PI	46,382,000	46,382,000	
3	Construct Pedestrian Bridge across US60	C-O	2,206,000	2,206,000	
4	Roof Repair and Replacement Pool 2012	C-PI	6,506,000	4,478,000	2,028,000 RF
5	Construct Business and Technology Center	C-O	31,528,000	31,528,000	
6	Construct Classrooms/Performing Arts Center	C-O	96,034,000	96,034,000	
7	Upgrade Information Technology Infrastructure	IT	6,261,000	6,261,000	
8	Renovate or Replace Bradford Hall	C-O	27,266,000	27,266,000	
9	Renovate Jackson Hall Phase II	C-PI	5,628,000	5,628,000	
10	Renovate Central Computing Facility Carroll ASB	C-O	10,673,000	10,673,000	
11	Upgrade Computers Campus Wide	IT	1,208,000	1,208,000	
12	Renovate Open Computer Lab In Hill Student Center	C-O	5,389,000	5,389,000	
13	Integrated Digital Campus	IT	11,450,000	11,450,000	
14	Develop Bicycle/Pedestrian Trail	C-O	1,025,000	1,025,000	
15	Capital Renewal and Maintenance Projects Pool 2012	C-PI	2,110,000	2,110,000	
16	Construct Hill Student Center Addition Phase II	C-O	15,822,000	15,822,000	
17	Create Pedestrian Mall Hathaway Hall Hume Hall	C-O	1,125,000	1,125,000	
18	Expand Emergency Notification System	IT	4,580,000	4,580,000	
19	Renovate Blazer Library	C-PI	25,966,000	25,966,000	
20	Improve Campus Landscape and Signage	C-PI	906,000	906,000	
21	Renovate Carroll Academic Services Building	C-PI	41,229,000	41,229,000	
22	Replace Alumni House	C-O	1,241,000	783,000	458,000 RF
23	Life Safety Upgrade Pool 2012	C-PI	1,362,000	1,362,000	
2012-2014 Total			354,925,000	352,439,000	2,486,000
2014-2016					
	Build Central Chiller Plant South Campus	C-O	4,934,000	4,934,000	
	Capital Renewal and Maintenance Projects Pool 2014	C-PI	3,344,000	3,344,000	
	Construct Warehouse 2014	C-O	3,642,000	3,642,000	
	Life Safety Upgrade Pool 2014	C-PI	1,363,000	1,363,000	
	Roof Repair and Replacement Pool 2014	C-PI	3,375,000	3,375,000	
2014-2016 Total			16,658,000	16,658,000	
2016-2018					
	Capital Renewal and Maintenance Projects Pool 2016	C-PI	1,732,000	1,732,000	
	Life Safety Upgrade Pool 2016	C-PI	1,363,000	1,363,000	
	Roof Repair and Replacement Pool 2016	C-O	5,484,000	5,484,000	
2016-2018 Total			8,579,000	8,579,000	
Grand Total			380,162,000	377,676,000	2,486,000

Kentucky 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>
	2012-2014				
1	Construct Parking Structure	C-O	13,470,000		AB
	2012-2014 Total		13,470,000	13,470,000	
	Grand Total		13,470,000	13,470,000	

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

	2012-2014				
	Acquire Land/Campus Master Plan 2012	C-O	2,000,000	2,000,000	RF/FF
	Athletics Project Pool 2012	C-PI	1,702,000	1,702,000	RF
	Construct Aquaculture Academic Research Facility	C-PI	7,443,000	7,443,000	FF
	Construct New Residence Hall Phase III	C-O	52,762,000	52,762,000	OT-LTF
	Construct Retail Space/Hotel on E. Main and Douglas	C-O	36,588,000	36,588,000	OT-LTF
	Office for Center for Sustainability of Farms and Families	C-PI	1,221,000	1,221,000	FF
	Renovate Atwood Ag Research Building	C-PI	12,368,000	12,368,000	FF
	Renovate Old Federal Building	C-PI	4,580,000	4,580,000	FF
	2012-2014 Total		118,664,000	118,664,000	
	2014-2016				
	Acquire Land/Campus Master Plan 2014	C-O	2,000,000	2,000,000	RF/FF
	Expand Alumni Stadium Dressing Room	C-O	8,398,000	8,398,000	RF
	2014-2016 Total		10,398,000	10,398,000	
	2016-2018				
	Acquire Land/Campus Master Plan 2016	C-O	2,000,000	2,000,000	RF/FF
	2016-2018 Total		2,000,000	2,000,000	
	Grand Total		144,532,000	144,532,000	

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>
2012-2014					
1		Construct Enrollment/Retention/Student Services Center	57,136,000	57,136,000	
2		Renovate Combs Classroom Building	28,490,000	28,490,000	
3		Construct Vet Tech Clinical Sciences Center	24,734,000	24,734,000	
4		Construct MSU Campus at Ashland	16,410,000	16,410,000	
5		Const MCTC/MSU Postsecondary Center of Exc Phase I	36,000,000	36,000,000	
6		Construct Space Science Center Clean Room	4,316,000	4,316,000	
7		Water Plant Sediment Basin	1,500,000	1,500,000	
8		Renovate McClure Pool	1,640,000	1,640,000	
9		Re-tube Coal Fired Boilers	3,500,000	3,500,000	
10		Plan and Design Music Academic and Performance Building	1,500,000	1,500,000	
11		Renovate Button Auditorium	8,540,000	8,540,000	
12		Enhance Network/Infrastructure Resources	5,945,000	5,945,000	
13		Construct Athletic Admin and Sports Performance Building	28,582,000	22,225,000	6,357,000 OT-P
14		Acquire Land Related to Master Plan	4,000,000	4,000,000	
15		Construct Honors College Facility	1,948,000	1,948,000	
16		Upgrade Fire Alarms	1,511,000	1,511,000	
17		Purchase Equipment for Biochemistry Lab	450,000	450,000	
18		Plan and Design Library Facility	1,517,000	1,517,000	
19		Enhance Library Automation Resources	1,169,000	1,169,000	
20		Comply with ADA E&G	3,877,000	3,877,000	
21		Upgrade and Expand Distance Learning	1,293,000	1,293,000	
22		Purchase Instructional Tech Initiatives	2,298,000	2,298,000	
23		Upgrade Administrative Office Systems	3,372,000	3,372,000	
24		Upgrade Instruct. PCs/LANS/Peripherals	5,620,000	5,620,000	
25		Construct Classroom/Lab Bldg at Browning Orchard	1,632,000	1,632,000	
26		Capital Renewal and Maintenance Pool University Farm	1,209,000	1,209,000	
27		Capital Renewal and Maintenance Pool E&G	7,944,000	7,944,000	
28		Renovate Academic Center and Tennis Team Facilities	5,449,000	5,449,000	
29		Lime Injection System	1,400,000	1,400,000	
30		Reconstruct Central Campus	2,810,000	2,810,000	
2012-2014 Total			265,792,000	259,435,000	6,357,000

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</u> <u>Budget</u>	<u>General</u> <u>Funds</u>	<u>Other Funds/</u> <u>Source(s)</u>
2014-2016					
	Acquire Land Related to Master Plan	C-O	4,000,000	4,000,000	
	Campus Drainage Project	C-PI	12,000,000	12,000,000	
	Capital Renewal and Maintenance Pool E&G	C-PI	1,299,000	1,299,000	
	Comply with ADA E&G	C-PI	4,711,000	4,711,000	
	Construct General Office Building	C-O	16,171,000	16,171,000	
	Construct IRAPP Academic Building	C-O	19,555,000	19,555,000	
	Construct Music Academic and Performance Building	C-O	95,726,000	90,726,000	5,000,000 OT-P
	Construct New Baseball/Softball Facility	C-O	10,000,000	10,000,000	
	Construct New Facility for University Advancement	C-O	12,747,000	12,747,000	
	Construct New Library Facility	C-O	78,395,000	78,395,000	
	Renovate Ginger Hall Classroom Building	C-PI	42,319,000	42,319,000	
	Renovate Jayne Stadium	C-PI	33,638,000	33,638,000	
	Renovate Laughlin Building and Wetherby Gym	C-O	11,708,000	11,708,000	
	Renovate Lloyd Cassity Building	C-PI	23,413,000	23,413,000	
	2014-2016 Total		365,682,000	360,682,000	5,000,000
2016-2018					
	Acquire Land Related to Master Plan	C-O	4,000,000	4,000,000	
	Capital Renewal and Maintenance Pool E&G	C-PI	3,390,000	3,390,000	
	Comply with ADA E&G	C-PI	4,046,000	4,046,000	
	Construct Facilities Management Office Complex	C-O	8,000,000	8,000,000	
	Construct Indoor Practice Facility	C-O	13,029,000	13,029,000	
	Construct New Intramural Fields	C-O	5,878,000	5,878,000	
	Expand Claypool Young Building	C-PI	3,217,000	3,217,000	
	Expand Life Safety E&G Facilities	C-PI	986,000	986,000	
	Renovate Academic Athletic Center	C-PI	26,874,000	26,874,000	
	Renovate Reed Hall	C-PI	30,713,000	30,713,000	
	Replace Coal Fired Boilers	C-PI	43,034,000	43,034,000	
	Replace Electrical Switchgear	C-PI	2,461,000	2,461,000	
	2016-2018 Total		145,628,000	145,628,000	
	Grand Total		777,102,000	765,745,000	11,357,000

Morehead State University (continued)

Projects involving Agency 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>
2012-2014					
1	Comply with ADA Auxiliary	C-PI	3,445,000		3,445,000 AB
2	Construct Residential Facility at University Farm	C-O	2,837,000		2,837,000 AB
3	Construct Student Residential Apartment Complex	C-O	58,586,000		58,586,000 AB
4	Renovate Cartmell Residence Hall	C-PI	11,064,000		11,064,000 AB
5	Renovate Mignon Residence Hall	C-PI	9,268,000		9,268,000 AB
6	Renovate West Mignon Residence Hall	C-PI	5,562,000		5,562,000 AB
7	Replace Exterior Precast Panels Nunn Hall	C-O	3,372,000		3,372,000 AB
	2012-2014 Total		94,134,000		94,134,000
2014-2016					
	Comply with ADA Auxiliary	C-PI	4,022,000		4,022,000 AB
	2014-2016 Total		4,022,000		4,022,000
2016-2018					
	Comply with ADA Auxiliary	C-PI	4,514,000		4,514,000 AB
	2016-2018 Total		4,514,000		4,514,000
	Grand Total		102,670,000		102,670,000

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

2012-2014					
	Capital Renewal and Maintenance Pool-Aux	C-PI	2,668,000		2,668,000 RF AB/O
	Construct Food Service/Retail and Parking Struct.	C-O	18,867,000		18,867,000 T-P
	Construct Morehead/Rowan Co Public Safety Complex	C-O	12,930,000		12,930,000 FF
	2012-2014 Total		34,465,000		34,465,000
	Grand Total		34,465,000		34,465,000

Explanation of Acronyms

ADA	Americans with Disabilities Act
E&G	Education and General
IRAPP	Institute for Regional Analysis and Public Policy
MCTC	Maysville Community and Technical College
MSU	Morehead State University

Murray 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>
2012-2014					
1	Construct/Complete New Science Complex Final Phase	C-O	33,132,000	33,132,000	
2	Upgrade Campus Electrical Distribution System	C-PI	11,600,000	11,600,000	
3	Construct New University Library	C-O	62,033,000	62,033,000	
4	Construct Madisonville Postsecondary Education Center	C-O	19,574,000	19,574,000	
5	Renovate Blackburn Science	C-PI	31,096,000	31,096,000	
6	Construct New Breathitt Veterinary Center	C-O	32,468,000	32,468,000	
7	Construct Paducah Regional Campus Facility	C-O	11,000,000	11,000,000	
8	Replace Campus Steam Distribution System	C-PI	5,310,000	5,310,000	
9	Complete Life Safety Projects E&G Pool < \$600,000	C-PI	1,364,000	1,364,000	
10	Complete ADA Compliance: E&G Pool < \$600,000	C-PI	4,954,000	4,954,000	
11	Complete Capital Renewal E&G Pool < \$600,000	C-PI	14,810,000	14,810,000	
12	Abate Asbestos: E&G Pool < \$600,000	C-PI	340,000	340,000	
13	Renovate Breathitt Veterinary Center	C-PI	8,000,000	8,000,000	
14	Upgrade Campus Phone and Data Network	IT	4,078,000	4,078,000	
15	Renovate Lovett Auditorium	C-PI	20,650,000	20,650,000	
16	Replace Expo Center Roof	C-PI	714,000	714,000	
17	Demolish Ordway Hall	C-PI	1,158,000	1,158,000	
18	Waterproof Stewart Stadium	C-PI	755,000	755,000	
19	Construct Open-sided Stall Barn at Expo Center	C-O	1,030,000	1,030,000	
20	Construct Livestock Instructional Laboratory	C-O	1,836,000	1,836,000	
21	ITV Upgrade to Murray State System	IT	1,453,000	1,453,000	
22	Renovate Alexander Hall (old Special Ed) HVAC System	C-PI	705,000	705,000	
23	Install Sprinkler System Blackburn Science Building	C-PI	1,082,000	1,082,000	
24	Renovate Pogue Library Electric and HVAC	C-PI	1,052,000	1,052,000	
25	Replace Breathitt Vet Center Heating and Cooling System	C-PI	960,000	960,000	
26	Replace Central Plant Boilers	C-PI	820,000	820,000	
27	Renovate Exposition Center	C-PI	7,639,000	7,639,000	
28	Campus Desktop Virtualization	IT	1,725,000	1,725,000	
29	Upgrade Applied Science Electrical System	C-PI	1,100,000	1,100,000	
30	Student Desktop Virtualization	IT	1,150,000	1,150,000	
31	College of Science Instructional and Research Instruments	EQ	3,500,000	3,500,000	
32	Extend Energy Management System	C-PI	5,500,000	5,500,000	
2012-2014 Total			292,588,000	292,588,000	
2014-2016					
	Agriculture Instructional Lab and Technology Equipment	EQ	800,000	800,000	
	Broadcasting Education Lab Equipment	EQ	225,000	225,000	
	Campus Backbone 10 GigE Upgrade	IT	775,000	775,000	
	Centralized Technology Refresh Program	IT	2,600,000	2,600,000	
	Construct Campus Parking Garage	C-O	10,372,000	10,372,000	
	Construct Center for Applied and Basic Environmental Research	C-O	7,266,000	7,266,000	
	Demolish Cutchin Field House/Racer Arena	C-O	2,596,000	2,956,000	
	Fine Arts Studio Equipment	EQ	500,000	500,000	
	Humanities and Fine Arts Instruction/Studio Equipment	EQ	250,000	250,000	
	Information Tech Infrastructure for TSM and IET	IT	625,000	625,000	

Murray State University (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>
<u>Cab Ag</u>					
	Install Additional Chiller Heating and Cooling Plant	C-PI	884,000	884,000	
	Install Card-Operated Electronic Locks Academic Building	C-PI	10,109,000	10,109,000	
	Modernize Faculty Hall Elevator	C-PI	714,000	714,000	
	Music Education Equipment	EQ	500,000	500,000	
	Recording/Playback Lab and Instruments	EQ	200,000	200,000	
	Relocate North 16th Street	C-O	4,000,000	4,000,000	
	Renovate Buildings: E&G Pool < \$600,000	C-PI	5,632,000	5,632,000	
	Renovate Pogue Library	C-PI	7,163,000	7,163,000	
	Renovate Waterfield Lib for Multi-Use Service Center	C-PI	23,000,000	23,000,000	
	Renovate Woods Hall	C-PI	15,414,000	15,414,000	
	Replace Campus Communications Infrastructure (Fiber Ring)	C-PI	3,000,000	3,000,000	
	Upgrade E&G Building Fire Alarms to Fully Address	C-PI	785,000	785,000	
	Upgrade Sparks Hall Electrical System	C-PI	1,348,000	1,348,000	
	2014-2016 Total		98,758,000	98,758,000	
2016-2018					
	Construct Agriculture Science and Technology Center	C-O	53,841,000	53,841,000	
	Construct College of Business Building	C-O	55,653,000	55,653,000	
	Construct College of Health Science and Human Services Building	C-O	31,353,000	31,353,000	
	Construct Motor Pool Maintenance Facility	C-O	6,022,000	6,022,000	
	Install 350 Ton Chiller CFSB Center	C-PI	920,000	920,000	
	Install Baseball Field and Stadium Sidewalk Lights	C-O	845,000	845,000	
	Modernize Business Building Electric, HVAC, and Classrooms	C-PI	6,432,000	6,432,000	
	Refurbish Animal Holding Center Breathitt Vet Center	C-PI	1,074,000	1,074,000	
	Renovate Applied Science Classrooms and Offices	C-PI	8,674,000	8,674,000	
	Renovate CFSB Center Electrical/Mechanical	C-PI	2,821,000	2,821,000	
	Renovate General Services HVAC System	C-PI	704,000	704,000	
	Renovate Mason Hall Labs/Classrooms/Systems/Etc.	C-PI	3,520,000	3,520,000	
	Renovate Wells Hall Interior	C-PI	4,579,000	4,579,000	
	Repair Stewart Stadium Structural	C-PI	3,101,000	3,101,000	
	Replace E&G Chiller/CFC Compliance	C-PI	826,000	826,000	
	Replace North Campus Complex Parking Lot	C-PI	778,000	778,000	
	Replace Stewart Stadium Playing Surfaces	C-PI	1,200,000	600,000	600,000 RF
	Replace Waterfield Library HVAC and Mechanical System	C-PI	706,000	706,000	
	Replace/Retrofit Doyle Fine Arts HVAC and Energy	C-PI	1,156,000	1,156,000	
	Upgrade Wells Hall Electrical System	C-PI	885,000	885,000	
	2016-2018 Total		185,090,000	184,490,000	600,000
	Grand Total		576,436,000	575,836,000	600,000

Murray 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>
2012-2014					
1	Abate Asbestos: H&D Pool < \$600,000	C-PI	962,000		962,000 AB
2	Complete ADA Compliance: H&D Pool < \$600,000	C-PI	629,000		629,000 AB
3	Complete Capital Renewal: H&D Pool < \$600,000	C-PI	6,534,000		6,534,000 AB
4	Complete Life Safety Projects: H&D Pool < \$600,000	C-PI	590,000		590,000 AB
5	Construct New University Library Student Funded	C-O	62,033,000		62,033,000 AB
6	Renovate Buildings: H&D Pool < \$600,000	C-PI	590,000		590,000 AB
7	Renovate College Courts	C-PI	10,000,000		10,000,000 AB
8	Renovate Hester Hall	C-PI	8,400,000		8,400,000 AB
2012-2014 Total			89,738,000		89,738,000
2014-2016					
	Renovate Franklin Hall HVAC System	C-PI	767,000		767,000 AB
	Renovate Franklin Hall Interior	C-PI	835,000		835,000 AB
	Renovate Hart Hall Electrical System	C-PI	905,000		905,000 AB
	Renovate Hart Hall Interior	C-PI	1,671,000		1,671,000 AB
	Renovate Hester Hall Electrical System	C-PI	808,000		808,000 AB
	Renovate Hester Hall HVAC System	C-PI	767,000		767,000 AB
	Renovate Hester Hall Interior	C-PI	975,000		975,000 AB
	Renovate Regents Hall	C-PI	10,600,000		10,600,000 AB
	Renovate Regents Hall Electrical System	C-PI	906,000		906,000 AB
	Renovate Regents Hall HVAC System	C-PI	708,000		708,000 AB
	Renovate Regents Hall Interior	C-PI	1,116,000		1,116,000 AB
	Renovate Springer Hall HVAC and Electrical Systems	C-PI	1,416,000		1,416,000 AB
	Renovate Springer Hall Interior	C-PI	836,000		836,000 AB
	Renovate White Hall Electrical System	C-PI	836,000		836,000 AB
	Renovate White Hall HVAC System	C-PI	1,298,000		1,298,000 AB
	Renovate White Hall Interior	C-PI	975,000		975,000 AB
	Replace Franklin Hall Water Piping, Fixtures, Etc	C-PI	1,544,000		1,544,000 AB
	Replace Hester Hall Boiler, Water Heater, Etc	C-PI	836,000		836,000 AB
	Replace Regents Hall Domestic Water Piping	C-PI	655,000		655,000 AB
	Replace Springer Hall Water Piping, Fixtures, Etc	C-PI	1,738,000		1,738,000 AB
	Replace White Hall Domestic Water Piping	C-PI	696,000		696,000 AB
	Replace Hart Hall Chiller, Boilers, Towers, Etc	C-PI	1,571,000		1,571,000 AB
2014-2016 Total			32,459,000		32,459,000
2016-2018					
	Renovate Hart Hall	C-PI	18,199,000		18,199,000 AB
	Renovate White Hall	C-PI	9,900,000		9,900,000 AB
	Replace Franklin Hall	C-O	19,838,000		19,838,000 AB
	Replace Springer Hall	C-O	19,820,000		19,820,000 AB
2016-2018 Total			67,757,000		67,757,000
Grand Total			189,954,000		189,954,000

Murray State University (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>
2012-2014					
	Acquire Land	C-O	1,000,000	1,000,000	RF
	Complete Business and Research Center Unfinished Space	C-O	1,948,000	1,948,000	RF
	Construct Student Life Office Building	C-O	2,000,000	2,000,000	RF
	Establish Guaranteed Energy Savings Project Phase II	C-PI	13,080,000	13,080,000	OT-LTF
	2012-2014 Total		18,028,000	18,028,000	
	Grand Total		18,028,000	18,028,000	

Explanation of Acronyms

ADA	Americans with Disabilities Act
CFC	Chlorofluorocarbon
CSFB	Community Financial Services Bank
E&G	Education and General
HVAC	Heating, Ventilation, and Air Conditioning
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>
2012-2014					
1	Renovate Old Science/Construct Health Innovation	C-O	92,500,000	92,500,000	
2	Construct New College of Business Building	C-O	80,000,000	80,000,000	
3	Renew/Renovate University Center Phase II	C-O	38,000,000	38,000,000	
4	Renovate Civic Center Building	C-O	3,700,000	3,700,000	
5	Construct Chiller Plant	C-O	16,900,000	16,900,000	
6	Repair Structural Heaving Landrum and Fine Arts	C-PI	6,400,000	6,400,000	
7	Renovate Applied Science and Technology	C-PI	6,000,000	6,000,000	
8	Acquire/Renovate Gateway/Highland Heights Campus	C-O	9,000,000	9,000,000	
9	Renew E&G Elevators 2012-2014	C-PI	1,400,000	1,400,000	
10	Replace Health Center and Regents Hall Roofs	C-PI	2,450,000	2,450,000	
11	Renew/Renovate Fine Arts Center	C-PI	64,000,000	64,000,000	
12	Enhance Administrative Systems	IT	10,000,000	10,000,000	
13	Enhance Instructional Technology	IT	4,000,000	4,000,000	
14	Upgrade Communication and Network Infrastructure	IT	2,500,000	2,500,000	
15	Implement Web 2.0 and Mobile Apps	IT	1,000,000	1,000,000	
16	Disaster Recovery/Business Continuance	IT	2,200,000	2,200,000	
17	Improve Customer Service Systems and Technology	IT	650,000	650,000	
2012-2014 Total			340,700,000	340,700,000	
2014-2016					
	Construct New Center for Legal Education	C-O	96,000,000	96,000,000	
	Construct New Data Center/Info Tech Center	C-O	42,000,000	42,000,000	
	Renew Administrative Center	C-PI	43,000,000	43,000,000	
	Renew E&G Elevators 2014-2016	C-PI	865,000	865,000	
	Renew Old Power Plant	C-O	6,000,000	6,000,000	
	Renew Steely Library	C-PI	48,000,000	48,000,000	
	Renew/Renovate BEP Center	C-PI	39,000,000	39,000,000	
	Renew/Renovate Landrum Hall	C-PI	40,000,000	40,000,000	
	Renew/Renovate Regents Hall	C-PI	7,300,000	7,300,000	
	Repair Structural Heaving Nunn and Applied Science	C-PI	3,200,000	3,200,000	
2014-2016 Total			325,365,000	325,365,000	
2016-2018					
	Expand Herrmann Science Center	C-O	60,000,000	60,000,000	
	Relocate Master Plan Infrastructure	C-O	17,160,000	17,160,000	
	Renew Applied Science and Technology	C-PI	38,000,000	38,000,000	
	Renew/Renovate Nunn Hall	C-PI	40,000,000	40,000,000	
2016-2018 Total			155,160,000	155,160,000	
Grand Total			821,225,000	821,225,000	

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>
2012-2014					
1	Acquire Land/Master Plan 2012-2014	C-O	20,000,000		AB
2	Acquire/Renovate New Residence Hall	C-O	20,500,000		AB
3	Construct Satellite Parking Lot	C-O	3,775,000		AB
4	Construct/Acquire New Residence Hall 2012-2014	C-O	38,000,000		AB
5	Expand University Drive Parking Garage	C-O	12,000,000		AB
6	Expand/Renovate Albright Health Center	C-O	70,000,000		AB
2012-2014 Total			164,275,000	164,275,000	
2014-2016					
	Acquire Land/Master Plan 2014-2016	C-O	20,000,000		AB
	Construct New Residence Hall 2014-2016	C-O	31,600,000		AB
	Construct Parking Garage #4	C-O	26,000,000		AB
2014-2016 Total			77,600,000	77,600,000	
2016-2018					
	Acquire Land/Master Plan 2016-2018	C-O	25,000,000		AB
	Construct New Baseball Stadium	C-O	11,200,000		AB
	Construct New Residence Hall 2016-2018	C-O	34,000,000		AB
	Construct Parking Garage #5	C-O	28,500,000		AB
2016-2018 Total			98,700,000	98,700,000	
Grand Total			340,575,000	340,575,000	

Northern Kentucky University (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>
2012-2014					
	Construct Alumni Center	C-O	10,500,000	10,500,000	OT-P
	Construct Athletics Practice Facility	C-O	9,800,000	9,800,000	OT-P
	Construct Track and Field Stadium	C-O	10,000,000	10,000,000	OT-P
	Enhance Softball and Tennis Complex	C-O	5,500,000	5,500,000	OT-LTF
	Guaranteed Energy Savings Performance Contracts	C-PI	600,000	600,000	OT-LTF
	Initiate Phase II of Master Plan	C-O	3,500,000	3,500,000	RF
	Lease-Purchase Large Format Color Press	EQ	325,000	325,000	OT-LTF
	Lease-Purchase Coach Bus	EQ	690,000	690,000	OT-LTF
	Purchase Calorimetry Instrumentation	EQ	295,000	295,000	RF
	Purchase Mass Spectrometer	EQ	295,000	295,000	RF
	Purchase Raman Microscope	EQ	395,000	395,000	RF
	Purchase Optical Paragetic Oscillator	EQ	295,000	295,000	RF
	Purchase Ultra Liquid Chromatography System	EQ	275,000	275,000	RF
	Reconstruct Central Plaza Phase II	C-O	17,500,000	17,500,000	OT-P
	Relocate Early Childcare Center	C-O	5,200,000	5,200,000	OT-P
	Renovate Norse Commons	C-O	1,500,000	1,500,000	OT-P
	Renovate Residence Halls 2012-2014	C-O	2,500,000	2,500,000	RF
	Renovate/Expand Baseball Field	C-O	7,000,000	7,000,000	OT-LTF
	2012-2014 Total		76,170,000	76,170,000	
2014-2016					
	Renovate Residence Halls 2014-2016	C-O	2,500,000	2,500,000	RF
	2014-2016 Total		2,500,000	2,500,000	
2016-2018					
	Construct New Tennis Complex	C-O	19,600,000	19,600,000	OT-P
	Renovate Residence Halls 2016-2018	C-O	2,500,000	2,500,000	RF
	2016-2018 Total		22,100,000	22,100,000	
	Grand Total		100,770,000	100,770,000	

Explanation of Acronyms

E&G Education and General

University of Kentucky

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>
2012-2014					
1	Renovate Academic Facility	C-PI	8,000,000	8,000,000	
2	Construct Science Research Building 2	C-O	210,700,000	210,700,000	
3	Construct Gatton Building Complex	C-O	131,540,000	106,540,000	25,000,000 OT-P
4	Construct Law School Building	C-O	110,400,000	95,400,000	15,000,000 OT-P
5	Construct Learning Center	C-O	60,000,000	60,000,000	
6	Research Equipment Replacement	EQ	30,000,000	30,000,000	
7	Purchase/Upgrade Pollution Controls	C-PI	21,150,000	21,150,000	
8	Improve Life Safety Project Pool SB	C-PI	15,000,000	15,000,000	
9	Capital Renewal Maintenance Pool	C-PI	33,750,000	33,750,000	
10	Repair/Upgrade/Improve Electrical Infrastructure	C-PI	28,000,000	28,000,000	
11	Repair/Upgrade/Improve Mechanical Infrastructure	C-PI	26,000,000	26,000,000	
12	Repair/Upgrade/Improve Building Mechanical SB	C-PI	25,000,000	25,000,000	
13	Repair/Upgrade/Improve Building Shell Systems SB	C-PI	5,000,000	5,000,000	
14	Repair/Upgrade/Improve Building Electrical Systems SB	C-PI	5,000,000	5,000,000	
15	Repair/Upgrade/Improve Building Elevator Systems SB	C-PI	5,000,000	5,000,000	
16	Repair/Upgrade/Improve Civil/Site Infrastructure SB	C-PI	14,000,000	14,000,000	
17	Lease/Purchase Pollution Controls	C-PI	22,600,000	22,600,000	
2012-2014 Total			728,540,000	688,540,000	40,000,000
2014-2016					
	Capital Renewal Maintenance Pool	C-PI	33,750,000	33,750,000	
	Construct Academic Science Building	C-O	137,000,000	137,000,000	
	Construct Environmental and Natural Science Facility	C-O	62,750,000	62,750,000	
	Construct Human Sciences Building	C-O	61,450,000	61,450,000	
	Construct Office/Lecture Building	C-O	28,925,000	28,925,000	
	Construct Psychology Building	C-O	39,300,000	39,300,000	
	Construct Science Research Building 3	C-O	210,000,000	210,000,000	
	Design Library/Knowledge Center	C-O	20,650,000	20,650,000	
	Expand/Renovate Art Museum in Singletary Center	C-O	31,000,000	31,000,000	
	Improve Life Safety Project Pool	C-PI	2,000,000	2,000,000	
	Renovate Bradley Hall	C-PI	8,975,000	8,975,000	
	Renovate Funkhouser, Phase 2	C-PI	5,450,000	5,450,000	
	Repair/Upgrade/Improve Building Electrical Systems	C-PI	5,000,000	5,000,000	
	Repair/Upgrade/Improve Building Elevator Systems	C-PI	5,000,000	5,000,000	
	Repair/Upgrade/Improve Building Mechanical Systems	C-PI	25,000,000	25,000,000	
	Repair/Upgrade/Improve Building Shell Systems	C-PI	5,000,000	5,000,000	
	Repair/Upgrade/Improve Civil/Site Infrastructure	C-PI	14,000,000	14,000,000	
	Repair/Upgrade/Improve Electrical Infrastructure	C-PI	28,000,000	28,000,000	
	Repair/Upgrade/Improve Mechanical Infrastructure	C-PI	26,000,000	26,000,000	
	Upgrade Fume Hood in Combs Building Life Safety	C-PI	3,750,000	3,750,000	
	Upgrade Fume Hoods Life Safety	C-PI	10,610,000	10,610,000	
	Upgrade Pharmacy Fume Hood I Life Safety	C-PI	10,575,000	10,575,000	
2014-2016 Total			774,185,000	774,185,000	

University of Kentucky (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</u> <u>Funds/</u> <u>Source(s)</u>
2016-2018					
	Capital Renewal Maintenance Pool	C-PI	33,750,000	33,750,000	
	Construct College of Medicine Academic Building	C-O	123,000,000	123,000,000	
	Construct Library/Knowledge Center	C-O	189,500,000	189,500,000	
	Construct School of Music Building	C-O	101,325,000	101,325,000	
	Construct Science Research Building 4	C-O	158,000,000	158,000,000	
	Expand College of Communication and Information Studies	C-O	24,700,000	24,700,000	
	Expand/Renovate Taylor Ed. Bldg and Dickey Hall	C-PI	65,500,000	65,500,000	
	Improve Life Safety Project Pool	C-PI	3,500,000	3,500,000	
	Renovate King Library South 1930 section	C-PI	28,400,000	28,400,000	
	Repair/Upgrade/Improve Building Electrical Systems	C-PI	5,000,000	5,000,000	
	Repair/Upgrade/Improve Building Elevator Systems	C-PI	5,000,000	5,000,000	
	Repair/Upgrade/Improve Building Mechanical Systems	C-PI	22,500,000	22,500,000	
	Repair/Upgrade/Improve Building Shell Systems	C-PI	5,000,000	5,000,000	
	Repair/Upgrade/Improve Civil/Site Infrastructure	C-PI	14,000,000	14,000,000	
	Repair/Upgrade/Improve Electrical Infrastructure	C-PI	28,000,000	28,000,000	
	Repair/Upgrade/Improve Mechanical Infrastructure	C-PI	26,000,000	26,000,000	
	Sprinkle Buildings Life Safety	C-PI	10,750,000	10,750,000	
	2016-2018 Total		843,925,000	843,925,000	
	Grand Total		2,346,650,000	2,306,650,000	40,000,000

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>
2012-2014					
1	Acquire Land	C-O	50,000,000		50,000,000 AB
2	Acquire/Renovate Academic Facilities	C-O	25,000,000		25,000,000 AB
3	Construct Student Housing	C-O	50,000,000		50,000,000 AB
4	Improve Life Safety Project Pool	C-PI	5,000,000		5,000,000 AB
5	Renovate Dentistry Building	C-PI	2,100,000		2,100,000 AB
6	Renovate/Expand Commonwealth Stadium	C-O	100,000,000		100,000,000 AB
7	Renovate/Upgrade Baseball Facilities	C-PI	15,000,000		15,000,000 AB
8	Renovate/Upgrade Soccer Complex	C-PI	7,500,000		7,500,000 AB
9	Renovate/Upgrade Softball Facilities	C-PI	7,500,000		7,500,000 AB
10	Repair Emergency Infrastructure/Building Systems	C-PI	25,000,000		25,000,000 AB
11	Repair/Upgrade/Expand Central Plants	C-O	62,000,000		62,000,000 AB
12	Repair/Upgrade/Improve Building Electrical Systems	C-PI	5,000,000		5,000,000 AB
13	Repair/Upgrade/Improve Building Mechanical	C-PI	25,000,000		25,000,000 AB
14	Repair/Upgrade/Improve Building Shell Systems	C-PI	5,000,000		5,000,000 AB
15	Repair/Upgrade/Improve Elevator Systems	C-PI	5,000,000		5,000,000 AB
2012-2014 Total			389,100,000		389,100,000
2014-2016					
	Renovate Alumni Gym	C-PI	12,700,000		12,700,000 AB
	Renovate Complex Commons Dining Area	C-PI	14,000,000		14,000,000 AB
	Renovate Dentistry Clinic in Ky Clinic	C-PI	7,615,000		7,615,000 AB
	Renovate/Expand University Student Center	C-O	93,780,000		93,780,000 AB
	Sanitary Sewer Expansion	C-O	10,000,000		10,000,000 AB
	Upgrade Existing Dorms for Housing I	C-PI	35,420,000		35,420,000 AB
2014-2016 Total			173,515,000		173,515,000
2016-2018					
	Construct Campus Dining Facility	C-O	34,925,000		34,925,000 AB
	Expand Dentistry Faculty Practice	C-PI	4,125,000		4,125,000 AB
	Upgrade Existing Dorms for Housing II	C-PI	40,640,000		40,640,000 AB
2016-2018 Total			79,690,000		79,690,000
Grand Total			642,305,000		642,305,000

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>
2012-2014					
	Acquire Land	C-O	50,000,000	50,000,000	RF
	Construct Center for Design Innovation	C-O	38,250,000	38,250,000	RF
	Construct Equine Campus Phase II	C-O	9,500,000	9,500,000	RF
	Construct Library Depository Facility	C-O	8,925,000	8,925,000	RF
	Construct Stadium Suite Addition	C-O	3,000,000	3,000,000	OT-P
	Construct Stadium Suite Addition	C-O	3,000,000	3,000,000	RF
	Construct WUKY Facility	C-O	4,000,000	4,000,000	RF
	Convert Taylor Ed. Space to Offices and Classrooms	C-PI	5,800,000	5,800,000	RF
	Expand Boone Tennis Center	C-O	6,500,000	6,500,000	OT-P
	Expand Coldstream Research Campus	C-PI	20,000,000	20,000,000	RF
	Expand Well Sample and Core Repository	C-O	5,000,000	5,000,000	RF
	Expand Nutter Training Center Weight/Training Room	C-PI	5,000,000	5,000,000	OT-P
	Expand/Renovate Quarantine Facility	C-PI	3,750,000	3,750,000	RF
	Expand/Renovate Student Center Design	C-O	10,220,000	10,220,000	RF
	Expand/Renovate Sturgill Development Building	C-O	1,700,000	1,700,000	OT-P
	Expand/Renovate W. KY and Robinson Station	C-O	9,835,000	9,835,000	RF
	Guaranteed Energy Performance Contract Athletic	C-PI	600,000	600,000	RF
	Guaranteed Energy Performance Contract General	C-PI	600,000	600,000	RF
	Guaranteed Energy Performance Contract Housing	C-PI	600,000	600,000	RF
	Guaranteed Energy Performance Contract Parking	C-PI	600,000	600,000	RF
	Handicapped Access Pool	C-PI	1,000,000	1,000,000	RF
	Install Artificial Turf on Pieratt Recreational	C-PI	2,700,000	2,700,000	RF
	Lease/Purchase/Acquire Land	C-O	50,000,000	50,000,000	OT-LTF
	Lease/Purchase/Acquire Off-Campus Office Building	C-O	10,000,000	10,000,000	OT-LTF
	Lease/Purchase/Acquire/Renovate Academic Facility	C-O	25,000,000	25,000,000	OT-LTF
	Lease/Purchase Campus Call Center System	IT	750,000	750,000	RF
	Lease/Purchase Campus Infrastructure Upgrade	C-O	3,500,000	3,500,000	RF
	Lease/Purchase/Construct Digital Village Building 3	C-O	42,990,000	42,990,000	OT-LTF
	Lease/Purchase/Construct Student Housing	C-O	50,000,000	50,000,000	OT-LTF
	Lease/Purchase/Construct University Storage Building	C-O	5,800,000	5,800,000	OT-LTF
	Lease/Purchase Data Warehouse/Infrastructure	IT	1,800,000	1,800,000	RF
	Lease/Purchase Document Imaging	EQ	775,000	775,000	OT-LTF
	Lease/Purchase Enterprise Storage System	IT	2,200,000	2,200,000	RF
	Lease/Purchase Exchange Replacement	IT	1,000,000	1,000,000	RF
	Lease/Purchase/Expand Boone Tennis Center	C-O	6,500,000	6,500,000	OT-LTF
	Lease/Purchase High Performance Research Comp.	IT	6,500,000	6,500,000	RF
	Lease/Purchase Large Scale Computing	IT	3,500,000	3,500,000	RF
	Lease/Purchase Network Security Hardware (IT Pool)	IT	1,500,000	1,500,000	RF
	Lease/Purchase Police Communications Equipment	IT	675,000	675,000	RF
	Lease/Purchase Remote Site Fiber	C-O	2,000,000	2,000,000	OT-LTF
	Lease/Purchase Renovate/Expand Commonwealth Stadium	C-O	100,000,000	100,000,000	OT-LTF
	Lease/Purchase Renovate/Upgrade Baseball Facility	C-PI	15,000,000	15,000,000	OT-LTF
	Lease/Purchase Renovate/Upgrade Soccer Complex	C-PI	7,500,000	7,500,000	OT-LTF
	Lease/Purchase Renovate/Upgrade Softball Facility	C-PI	7,500,000	7,500,000	OT-LTF
	Lease/Purchase Repair/Upgrade/Expand Central Plaza	C-O	62,000,000	62,000,000	OT-LTF

University of Kentucky (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>
		Lease/Purchase Repair/Upgrade/Improve Bldg Electric	5,000,000		5,000,000 OT-LTF
		Lease-Purchase Repair/Upgrade/Improve Bldg Shell	5,000,000		5,000,000 OT-LTF
		Lease/Purchase Repair/Upgrade/Improve Building Mechanical	25,000,000		25,000,000 OT-LTF
		Lease/Purchase Repair/Upgrade/Improve Elevator	5,000,000		5,000,000 OT-LTF
		Lease/Purchase Wireless/Cellular Infrastructure	3,000,000		3,000,000 RF
		Purchase Burnout Furnace	250,000		250,000 RF
		Purchase Compact Shelving Fine Arts Library	700,000		700,000 RF
		Purchase Induction Furnace	210,000		210,000 RF
		Purchase Metabolic Instructional System	205,000		205,000 RF
		Purchase Physical Chemistry Teaching Laboratory	240,000		240,000 RF
		Purchase PKS2 Frame Room Emergency Generator	3,500,000		3,500,000 RF
		Purchase Precision Machining System	250,000		250,000 RF
		Purchase Shelving for Storage Facility	630,000		630,000 RF
		Purchase Upgraded Communication Infrastructure	1,250,000		1,250,000 RF
		Purchase Upgraded Integrated Library System	1,200,000		1,200,000 RF
		Relocate/Replace Greenhouses	8,225,000		8,225,000 RF
		Renovate Central Computing Facility	5,000,000		5,000,000 RF
		Renovate Central DLAR Facility	2,680,000		2,680,000 RF
		Renovate Chemistry/Physics Building	1,000,000		1,000,000 RF
		Renovate Dentistry Class Lab	3,300,000		3,300,000 RF
		Renovate Dentistry Space in Ky Clinic	5,000,000		5,000,000 RF
		Renovate Erikson Hall	10,500,000		10,500,000 RF
		Renovate Funkhouser Building Phase I	6,425,000		6,425,000 RF
		Renovate King Library South 1962 Section Phase II	4,430,000		4,430,000 RF
		Renovate Memorial Coliseum Seating Area	4,000,000		4,000,000 OT-P
		Renovate Memorial Hall	1,500,000		1,500,000 RF
		Renovate Mineral Industries Building	4,900,000		4,900,000 RF
		Renovate Multi-Disciplinary Science Building Phase II	26,000,000		26,000,000 RF
		Renovate Old Northside Library Building	3,500,000		3,500,000 RF
		Renovate Robotics Building	3,842,000		3,842,000 RF
		Renovate Schmidt Vocal Arts Center	2,000,000		2,000,000 RF
		Renovate Shively Sports Center	1,000,000		1,000,000 OT-P
		Renovate Slone Building Phase 1	5,445,000		5,445,000 RF
		Renovate Space in McVey Hall	6,825,000		6,825,000 RF
		Renovate Whalen Building	5,425,000		5,425,000 RF
		Renovate/Expand Stadium Multi-Purpose/Kitchen	8,714,000		8,714,000 OT-P
		Renovate/Expand Stadium Multi-Purpose/Kitchen	8,714,000		8,714,000 RF
		Repair Stadium Structure	2,500,000		2,500,000 OT-P
		Upgrade Audio/Visual Equipment Guignol Theatre	211,000		211,000 RF
		Upgrade Student Center Infrastructure	18,205,000		18,205,000 RF
		Upgrade/Renovate/Improve/Expand Research Labs	33,500,000		33,500,000 RF
		2012-2014 Total	831,346,000		831,346,000

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>
2014-2016					
	Acquire Land	C-O	50,000,000		50,000,000 RF
	Construct Campus Dining Facility Design	C-O	3,750,000		3,750,000 RF
	Construct Central Emergency Response Center	C-PI	2,000,000		2,000,000 RF
	Construct Golf Practice Area	C-O	3,000,000		3,000,000 OT-P
	Construct Hall of Fame Plaza	C-O	2,500,000		2,500,000 OT-P
	Construct Medical Center Physical Plant Building	C-O	15,125,000		15,125,000 RF
	Construct New Alumni Center	C-O	14,425,000		14,425,000 RF
	Construct Police Headquarters Building	C-O	8,490,000		8,490,000 RF
	Expand Lafferty Hall	C-O	9,950,000		9,950,000 RF
	Expand/Upgrade Coldstream Research Campus	C-PI	20,000,000		20,000,000 RF
	Lease/Purchase/Repair/Upgrade/Expand Central Plants	C-O	62,000,000		62,000,000 OT-LTF
	Lease/Purchase Campus Call Center System	IT	750,000		750,000 RF
	Lease/Purchase Campus Infrastructure Upgrade	C-O	3,500,000		3,500,000 OT-LTF
	Lease/Purchase/Construct Digital Village Building 4	C-O	27,700,000		27,700,000 OT-LTF
	Lease/Purchase/Construct Parking Structure #10	C-O	31,000,000		31,000,000 OT-LTF
	Lease/Purchase/Construct Student Housing	C-O	67,000,000		67,000,000 OT-LTF
	Lease/Purchase Data Center Infrastructure Hardware	IT	1,000,000		1,000,000 RF
	Lease/Purchase Data Warehouse/Infrastructure	IT	1,800,000		1,800,000 RF
	Lease/Purchase ERP Phase V	IT	6,845,000		6,845,000 RF
	Lease/Purchase Expand Fiber Optics Infrastructure	IT	1,500,000		1,500,000 RF
	Lease/Purchase High Performance Research Comp.	IT	6,500,000		6,500,000 RF
	Lease/Purchase Large Scale Computing	IT	3,500,000		3,500,000 RF
	Lease/Purchase Network Security Hardware	IT	1,500,000		1,500,000 RF
	Lease/Purchase Processor	IT	1,500,000		1,500,000 RF
	Lease/Purchase Storage Addition/Replacement	IT	2,000,000		2,000,000 RF
	Renovate B&E Building	C-PI	10,775,000		10,775,000 RF
	Renovate College of Public Health Building	C-PI	6,100,000		6,100,000 RF
	Renovate Cooper House	C-PI	1,775,000		1,775,000 RF
	Renovate Education Space in the Seaton Center	C-PI	3,700,000		3,700,000 RF
	Renovate Miller Hall Space	C-PI	2,300,000		2,300,000 RF
	Renovate Paul Anderson Tower	C-PI	21,600,000		21,600,000 RF
	Renovate Slone Building Phase II	C-PI	5,445,000		5,445,000 RF
	Renovate Teaching Space in Kastle Hall	C-PI	1,000,000		1,000,000 RF
	Repair-Upgrade-Expand Central Plants	C-O	62,000,000		62,000,000 RF
	Sprinkle Scovell Hall Life Safety	C-PI	870,000		870,000 RF
	Upgrade Sound System for the Singletary Center	C-PI	1,340,000		1,340,000 RF
	Upgrade-Renovate-Improve or Expand Research Labs	C-PI	33,500,000		33,500,000 RF
	2014-2016 Total		497,740,000		497,740,000

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 Budget</u>	<u>General Funds</u>	<u>Other Funds/ Source(s)</u>
2016-2018					
	Acquire Land	C-O	40,000,000		RF
	Construct University Conference Center	C-O	32,975,000		RF
	Expand Arboretum Visitor Center Phase I Addition	C-O	3,730,000		OT-P
	Expand Coldstream Research Campus	C-PI	20,000,000		RF
	Lease/Purchase Campus Call Center System	IT	750,000		RF
	Lease/Purchase Campus Infrastructure Upgrade	C-O	3,500,000		RF
	Lease/Purchase/Construct Parking Structure #11	C-O	50,295,000		OT-LTF
	Lease/Purchase/Construct Student Housing	C-O	46,960,000		OT-LTF
	Lease/Purchase Data Center Infrastructure Hardware	IT	1,000,000		RF
	Lease/Purchase Data Warehouse/Infrastructure	IT	1,800,000		RF
	Lease/Purchase ERP Phase VI	IT	5,350,000		RF
	Lease/Purchase Expand Fiber Optics Infrastructure	IT	1,500,000		RF
	Lease/Purchase High Performance Research Comp.	IT	6,500,000		RF
	Lease/Purchase Large Scale Computing	IT	3,500,000		RF
	Lease/Purchase Network Security Hardware	IT	1,500,000		RF
	Lease/Purchase Processor (replacement)	IT	1,500,000		RF
	Lease/Purchase Storage Addition/Replacement	IT	2,000,000		RF
	Renovate Law Building	C-PI	8,700,000		RF
	Repair/Upgrade/Expand Central Plants	C-O	62,000,000		RF
	Upgrade/Renovate/Improve or Expand Research Labs	C-PI	35,000,000		RF
	2016-2018 Total		328,560,000		328,560,000
	Grand Total		1,657,646,000		1,657,646,000

Explanation of Acronyms

B&E Business & Economics
ERP Enterprise Resource Planning
IT Information Technology

University of Kentucky Hospital

Projects involving 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>
2012-2014					
1		Construct Data Center	40,000,000		40,000,000 AB
2		Construct Freestanding Clinic	36,000,000		36,000,000 AB
3		Construct Office Tower	95,600,000		95,600,000 AB
4		Construct Ophthalmology	20,000,000		20,000,000 AB
5		Expand Patient Care Facility Phase III	150,000,000		150,000,000 AB
2012-2014 Total			341,600,000		341,600,000
2016-2018					
		Expand Patient Care Facility Phase V	150,000,000		150,000,000 AB
2016-2018 Total			150,000,000		150,000,000
Grand Total			491,600,000		491,600,000

University of Kentucky Hospital (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>
2012-2014					
	Construct Ambulatory Facility	C-O	50,000,000		50,000,000 RF
	Construct Data Center	C-O	40,000,000		40,000,000 RF
	Construct Freestanding Clinic	C-O	36,000,000		36,000,000 RF
	Construct Good Sam Med Office Building	C-O	23,700,000		23,700,000 RF
	Construct Office Tower	C-O	95,600,000		95,600,000 RF
	Construct Ophthalmology Clinic	C-O	20,000,000		20,000,000 RF
	Construct/Expand/Renovate Ambulatory Care	C-O	20,000,000		20,000,000 RF
	Construct/Fit-up Retail Space	C-O	4,000,000		4,000,000 RF
	Construct/Renovate Imaging Services KY Clinic	C-O	15,000,000		15,000,000 RF
	Construct/Renovate Lab Facilities	C-O	21,000,000		21,000,000 RF
	Construct/Renovate/Fit-up Physicians Service Facility	C-O	2,000,000		2,000,000 RF
	Construct/Upgrade/Fit-Up Support Services	C-O	3,500,000		3,500,000 RF
	Implement Energy Performance Contracting	C-O	600,000		600,000 RF
	Implement Land Use Plan	C-O	20,000,000		20,000,000 RF
	Implement Medication Bar Coding System	IT	10,000,000		10,000,000 RF
	Implement Patient Communication System	IT	10,000,000		10,000,000 RF
	Implement Real Time Locator System	IT	5,000,000		5,000,000 RF
	Implement Revenue Management System	IT	20,000,000		20,000,000 RF
	Implement Unified Communication System	IT	3,000,000		3,000,000 RF
	Lease/Purchase/Construct Data Center	C-O	40,000,000		40,000,000 OT-LTF
	Lease/Purchase/Construct Freestanding Clinic	C-O	36,000,000		36,000,000 OT-LTF
	Lease/Purchase/Construct Good Sam Med Office Building	C-O	23,700,000		23,700,000 OT-LTF
	Lease/Purchase/Construct Office Tower	C-O	95,600,000		95,600,000 OT-LTF
	Lease/Purchase/Construct Ophthalmology Clinic	C-O	20,000,000		20,000,000 OT-LTF
	Lease/Purchase/Construct/Fit-Up Retail Space	C-O	4,000,000		4,000,000 OT-LTF
	Lease/Purchase/Construct Ambulatory Facility	C-O	50,000,000		50,000,000 OT-LTF
	Lease/Purchase Data Center Hardware	IT	15,000,000		15,000,000 RF
	Lease/Purchase Data Repository System	IT	5,000,000		5,000,000 RF
	Lease/Purchase Electronic Health Records System	IT	59,532,000		59,532,000 RF/FF/OT-LTF
	Lease/Purchase Fit-up Hosp. Dining Facilities/Eq	C-O	17,000,000		17,000,000 OT-LTF
	Lease/Purchase Mainframe Computer	IT	3,000,000		3,000,000 OT-LTF
	Lease/Purchase Personal Electronic Health Records	IT	10,000,000		10,000,000 RF
	Lease/Purchase Replace/Upgrade Perioper Information	IT	3,000,000		3,000,000 RF
	Lease/Purchase Telemedicine/Virtual Intensive Care Unit	IT	10,000,000		10,000,000 RF
	Lease/Purchase/Upgrade IT System	IT	10,000,000		10,000,000 RF
	Purchase Allergy Information System	IT	1,000,000		1,000,000 RF
	Purchase Cardiology Information System	IT	4,000,000		4,000,000 RF
	Purchase Clinic Information System	IT	10,000,000		10,000,000 RF
	Purchase Digital Medical Record Expansion	IT	5,000,000		5,000,000 RF
	Purchase Document Scanning System	IT	10,000,000		10,000,000 RF
	Purchase Oncology Information System	IT	8,000,000		8,000,000 RF
	Purchase Telephone System Replacement	IT	3,000,000		3,000,000 RF
	Purchase/Expand Picture Archiving and Communication	IT	5,000,000		5,000,000 RF

University of Kentucky Hospital (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>
	Renovate Diagnostic Treatment Services	C-PI	2,500,000		2,500,000 RF
	Renovate Nursing Units	C-PI	6,000,000		6,000,000 RF
	Renovate Parking Structure #3	C-PI	3,500,000		3,500,000 RF
	Renovate/Expand Clinical Services	C-PI	15,000,000		15,000,000 RF
	Renovate/Upgrade Hospital Facility Good Samaritan	C-PI	10,000,000		10,000,000 RF
	Repair/Upgrade/Improve Building Systems	C-PI	20,000,000		20,000,000 RF
	Replace/Upgrade Radiology Information System	IT	2,000,000		2,000,000 RF
	Upgrade Clinic Enterprise Network	IT	6,500,000		6,500,000 RF
	Upgrade Enterprise Information Systems	IT	20,000,000		20,000,000 RF
	Upgrade/Expand Cancer Treatment Facility	C-O	10,000,000		10,000,000 RF
	Upgrade/Fit-up Hospital Facilities	C-PI	10,000,000		10,000,000 RF
	Upgrade/Relocate Critical Care Facility	C-O	10,000,000		10,000,000 RF
	Upgrade/Renovate Surgical Services	C-PI	5,000,000		5,000,000 RF
	2012-2014 Total		967,732,000		967,732,000
2014-2016					
	Construct Hospice Facility	C-O	4,000,000		4,000,000 RF
	Construct/Expand/Renovate Ambulatory Care	C-O	15,000,000		15,000,000 RF
	Construct/Upgrade/Fit-Up Support Services	C-O	3,675,000		3,675,000 RF
	Implement Land Use Plan	C-O	5,000,000		5,000,000 RF
	Implement Revenue Management System	IT	20,000,000		20,000,000 RF
	Lease/Purchase Data Center Hardware	IT	15,000,000		15,000,000 OT-LTF
	Renovate Nursing Units	C-PI	4,000,000		4,000,000 RF
	Renovate/Expand Clinical Services	C-PI	15,000,000		15,000,000 RF
	Renovate/Upgrade Hospital Facility Good Samaritan	C-PI	10,000,000		10,000,000 RF
	Repair/Upgrade/Improve Building Systems	C-PI	10,000,000		10,000,000 RF
	Upgrade/Fit-up Hospital Facilities	C-PI	10,000,000		10,000,000 RF
	Upgrade/Relocate Pediatric Critical Care	C-O	10,000,000		10,000,000 RF
	Upgrade/Renovate Surgical Services	C-PI	5,000,000		5,000,000 RF
	2014-2016 Total		126,675,000		126,675,000
2016-2018					
	Construct/Expand/Renovate Ambulatory Care	C-O	15,000,000		15,000,000 RF
	Construct/Upgrade/Fit-Up Support Services	C-O	4,000,000		4,000,000 RF
	Expand/Construct Parking Structure	C-O	31,600,000		31,600,000 RF
	Implement Land Use Plan	C-O	5,000,000		5,000,000 RF
	Renovate Nursing Units	C-PI	2,000,000		2,000,000 RF
	Renovate/Expand Clinical Services	C-PI	20,000,000		20,000,000 RF
	Renovate/Upgrade Hospital Facility Good Samaritan	C-PI	10,000,000		10,000,000 RF
	Repair/Upgrade/Improve Building Systems	C-PI	10,000,000		10,000,000 RF
	Upgrade/Fit-up Hospital Facilities	C-PI	10,000,000		10,000,000 RF
	Upgrade /Renovate Surgical Services	C-PI	5,000,000		5,000,000 RF
	2016-2018 Total		112,600,000		112,600,000
	Grand Total		1,207,007,000		1,207,007,000

University of Louisville

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</u> <u>Funds/</u> <u>Source(s)</u>
2012-2014					
1	Construct Belknap Classroom/Academic Building	C-O	77,580,000	77,580,000	
2	Construct Instructional Building	C-O	67,000,000	67,000,000	
3	Renovate Capital Renewal Pool (2012-2014)	C-PI	60,000,000	60,000,000	
4	Construct Belknap Research/Academic/Conn Center	C-O	94,235,000	94,235,000	
5	Expand and Renovate Life Sciences Building	C-PI	64,289,000	64,289,000	
6	Renovate Medical Dental Research Building	C-PI	56,345,000	56,345,000	
2012-2014 Total			419,449,000	419,449,000	
2014-2016					
	Construct Shelby Campus Research Building	C-O	61,010,000	61,010,000	
	Renovate Capital Renewal Pool (2014-2016)	C-PI	17,168,000	17,168,000	
2014-2016 Total			78,178,000	78,178,000	
2016-2018					
	Construct Belknap Research Building II	C-O	84,790,000	84,790,000	
	Construct Research Facility VI	C-O	190,000,000	190,000,000	
	Renovate Capital Renewal Pool (2016-2018)	C-PI	11,576,000	11,576,000	
2016-2018 Total			286,366,000	286,366,000	
Grand Total			783,993,000	783,993,000	

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>
2012-2014					
1	Construct Belknap Parking Garage II	C-O	42,270,000	42,270,000	AB
2	Construct HSC Parking Structure III	C-O	44,949,000	44,949,000	AB
3	Purchase Land Support Service (Northeast Quad)	C-O	15,000,000	15,000,000	AB
4	Renovate Guaranteed Energy Savings (2012-2014)	C-O	20,000,000	20,000,000	AB
5	Renovate Medical/Dental Apartments to Offices	C-PI	16,460,000	16,460,000	AB
2012-2014 Total			138,679,000	138,679,000	
2014-2016					
	Construct Residence Hall 500 Bed	C-O	41,208,000	41,208,000	AB
2014-2016 Total			41,208,000	41,208,000	
Grand Total			179,887,000	179,887,000	

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>
2012-2014					
	Construct Administrative Office Building	C-O	48,654,000	48,654,000	RF
	Construct Artificial Turf Field for Intramural	C-O	693,000	693,000	RF
	Construct Athletic Academic Support Facility	C-O	16,228,000	16,228,000	OT-P
	Construct Athletics Office Building	C-O	7,045,000	7,045,000	RF
	Construct Belknap 3rd Street Improvements	C-O	1,950,000	1,950,000	RF
	Construct Belknap Brandeis Corridor Improvements	C-O	2,774,000	2,774,000	RF
	Construct Belknap Center Place Plaza	C-O	7,883,000	7,883,000	RF
	Construct Belknap Century Corridor Improvements	C-O	890,000	890,000	RF
	Construct Belknap Floyd Street Corridor Improvements	C-O	3,500,000	3,500,000	RF
	Construct Belknap Stormwater Improvements	C-O	5,000,000	5,000,000	RF
	Construct Center for Creative Studies	C-O	9,450,000	9,450,000	RF
	Construct Center for Social Change	C-O	13,000,000	13,000,000	OT-P
	Construct Center for the Performing Arts	C-O	76,660,000	76,660,000	RF
	Construct Chestnut Street Garage Speed Ramp	C-O	875,000	875,000	RF
	Construct Executive Business Program	C-O	23,500,000	23,500,000	RF
	Construct Fitness and Health Institute	C-O	21,539,000	21,539,000	RF
	Construct Flexner Way Mall Floyd to Preston	C-O	1,660,000	1,660,000	RF
	Construct Flexner Way Mall Jackson to Hancock	C-O	750,000	750,000	RF/OT-P
	Construct Flexner Way Mall Preston to Jackson	C-O	840,000	840,000	RF/OT-P
	Construct HSC Research Facility V	C-O	178,760,000	178,760,000	RF
	Construct HSC Steam/Chilled Water Plant II	C-O	34,595,000	34,595,000	RF
	Construct Intramural Field Complex	C-O	7,234,000	7,234,000	RF
	Construct Data Center	C-O	38,000,000	38,000,000	RF
	Construct Physical Plant Space in HSC Garage	C-O	2,318,000	2,318,000	RF
	Construct Soccer Stadium	C-O	16,119,000	16,119,000	OT-P
	Construct Utilities, Remove Overhead Lines	C-O	10,350,000	10,350,000	RF
	Expand Ambulatory Care Building Academic Addition	C-O	72,649,000	72,649,000	OT-P
	Expand Patterson Baseball Stadium	C-O	4,573,000	4,573,000	OT-P
	Expand Chilled Water and Electrical Service Upgrade	C-PI	12,750,000	12,750,000	RF
	Expand Rauch Planetarium	C-O	3,220,000	3,220,000	FF
	Expand Sackett Hall	C-O	14,758,000	14,758,000	RF
	Expand School of Public Health and Info Sciences	C-O	11,561,000	11,561,000	RF
	Expand Trager Indoor Practice Facility	C-O	1,000,000	1,000,000	OT-P
	Expand Ulmer Softball Stadium	C-O	2,600,000	2,600,000	OT-P
	Expand and Renovate College of Education Building	C-PI	48,190,000	48,190,000	RF
	Expand and Renovate Founders Union Building Phase II	C-PI	19,112,000	19,112,000	RF
	Lease Digital Output System	IT	2,500,000	2,500,000	RF
	Purchase 3D Surface Deformation Measurement	EQ	200,000	200,000	FF
	Purchase Additive Microdeposition Machine	EQ	825,000	825,000	FF
	Purchase Split-Belt Instrumented Treadmill	EQ	270,000	270,000	RF
	Purchase Artificial Turf Practice Field Facility	C-O	865,000	865,000	RF
	Purchase Artificial Turf for Field Hockey	C-O	1,000,000	1,000,000	RF
	Purchase Artificial Turf for Papa John's Stadium	C-PI	1,000,000	1,000,000	OT-P
	Purchase Atomic Force Microscope	EQ	600,000	600,000	FF
	Purchase Atomic Layer Deposition System	EQ	500,000	500,000	FF

University of Louisville (continued)

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

Priority # Cab Ag	Project	Type	Total Budget	General Funds	Other Funds/ Source(s)
	Purchase Automatic Bedding Dispensing and Removal	EQ	278,000		278,000 RF
	Purchase Aria II Cell Sorter	EQ	350,000		350,000 FF
	Purchase Fluorescence Asst Cell Sort	EQ	200,000		200,000 FF
	Purchase Biological Material Deposition Machine	EQ	600,000		600,000 FF
	Purchase Bulk Sterilizer	EQ	421,000		421,000 RF
	Purchase Cage and Rack Washer	EQ	398,000		398,000 RF
	Purchase Cathodoluminescence System	EQ	230,000		230,000 FF
	Purchase Chemical Vapor Deposition System	EQ	500,000		500,000 FF
	Purchase Classroom Recording Equipment	IT	600,000		600,000 RF
	Purchase Computational Cluster System	IT	1,500,000		1,500,000 RF
	Purchase Computer Processing System	IT	8,000,000		8,000,000 RF
	Purchase Confocal Microscope	EQ	250,000		250,000 FF
	Purchase Digital Communications System	IT	6,000,000		6,000,000 RF
	Purchase Electronic Research Information System	IT	2,700,000		2,700,000 RF
	Purchase Enterprise Application System	IT	6,000,000		6,000,000 RF
	Purchase Equipment Replacement Research and Institute	EQ	15,000,000		15,000,000 RF
	Purchase Etch System	EQ	300,000		300,000 FF
	Purchase Special Order System	EQ	530,000		530,000 FF
	Purchase Analyzer	EQ	210,000		210,000 RF
	Purchase Fiber Infrastructure	IT	7,000,000		7,000,000 FF
	Purchase Fluorescence Imaging System	EQ	200,000		200,000 FF
	Purchase Focused Ion Beam Microscope	EQ	1,800,000		1,800,000 FF
	Purchase Gene Chip Scanner	EQ	250,000		250,000 FF
	Purchase High Resolution Triple Mass Spectrometer	EQ	400,000		400,000 FF
	Purchase Illumina Genome Analyzer	EQ	610,000		610,000 FF
	Purchase Imprint Lithography System	EQ	250,000		250,000 FF
	Purchase Individually-Ventilated Caging System	EQ	600,000		600,000 RF
	Purchase Individually-Ventilated Caging System	EQ	597,000		597,000 RF
	Purchase Data Center Support Systems	IT	20,000,000		20,000,000 RF
	Purchase Land Near Belknap Campus North	C-O	8,000,000		8,000,000 RF
	Purchase Land Near Belknap Campus South	C-O	6,000,000		6,000,000 RF
	Purchase Land Near Floyd Street Parcel I	C-O	5,000,000		5,000,000 RF
	Purchase Land Near HSC Parcel I	C-PI	34,246,000		34,246,000 OT-P
	Purchase Land Near HSC Parcel II	C-O	6,034,000		6,034,000 RF
	Purchase Land Near HSC Parcel III	C-O	3,000,000		3,000,000 RF
	Purchase Laser Jet Cutting System	EQ	750,000		750,000 FF
	Purchase Library Chairs and Tables	EQ	275,000		275,000 RF
	Purchase Live Cell Intracellular Nanoprobe Station	EQ	400,000		400,000 FF
	Purchase Magnetic Resonance Imaging Equipment	EQ	3,000,000		3,000,000 FF
	Purchase Magnetic Resonance Imaging System	EQ	3,000,000		3,000,000 FF
	Purchase Mass Spectrometer	EQ	500,000		500,000 FF
	Purchase Mass Spectrometer	EQ	500,000		500,000 FF
	Purchase Metal Additive Fabrication Machine	EQ	800,000		800,000 FF
	Purchase Micro Computed Tomography	EQ	350,000		350,000 FF
	Purchase Mobile Animal Runs	EQ	323,000		323,000 RF
	Purchase MoFlo Cell Sorter	EQ	500,000		500,000 FF
	Purchase Multiphoton Microscope	EQ	500,000		500,000 RF

University of Louisville (continued)

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

Priority #	Project	Type	Total Budget	General Funds	Other Funds/Source(s)
<u>Cab</u> <u>Ag</u>					
	Purchase Multispectral Imaging Flow Cytometer	EQ	390,000		390,000 RF
	Purchase Nanoindenter	EQ	225,000		225,000 FF
	Purchase Nanomaterial Equipment	EQ	500,000		500,000 RF
	Purchase Networking System	IT	8,000,000		8,000,000 RF
	Purchase Urology Table	EQ	300,000		300,000 RF
	Purchase Orbitrap Ion Trap Mass Spectrometer	EQ	712,000		712,000 FF
	Purchase Orbitrap Mass Spectrometer	EQ	593,000		593,000 FF
	Purchase Computers, Printers, Scanners for Libraries	IT	700,000		700,000 RF/OT-P
	Purchase Plastic Additive Manufacturing Machine	EQ	900,000		900,000 FF
	Purchase Positron Emission Tomography System	EQ	2,500,000		2,500,000 FF
	Purchase Reactive Ion Etching System	EQ	250,000		250,000 FF
	Purchase Research Computing Infrastructure	IT	7,000,000		7,000,000 RF
	Purchase Research Equipment for Dental	EQ	210,000		210,000 FF
	Purchase Resonance Raman Spectrometer	EQ	500,000		500,000 FF
	Purchase Robotic Cranes (2) for Automated Book	EQ	2,200,000		2,200,000 RF
	Purchase Rodent Plastic Caging	EQ	398,000		398,000 RF
	Purchase Scanning Biological Microwave Microscope	EQ	600,000		600,000 FF
	Purchase Security and Firewall Infrastructure	IT	4,000,000		4,000,000 RF
	Purchase Shared Memory Computer	IT	500,000		500,000 FF
	Purchase Small Animal Computed Tomography	EQ	400,000		400,000 RF
	Purchase Small Animal Positron Emission Tomography	EQ	600,000		600,000 RF
	Purchase Small Animal Single Photon Emission T	EQ	400,000		400,000 RF
	Purchase Soccer Stadium Video Boards	EQ	1,000,000		1,000,000 RF
	Purchase Spectral Confocal Microscope	EQ	440,000		440,000 FF
	Purchase Sputtering System	EQ	500,000		500,000 FF
	Purchase Magnetometer	EQ	500,000		500,000 RF
	Purchase Storage System	IT	6,000,000		6,000,000 RF
	Purchase Technology Enhanced Classroom	IT	500,000		500,000 RF
	Purchase 3 Tesla Magnetic Resonance Imager	EQ	3,000,000		3,000,000 RF
	Purchase Transmission Electron Microscope	EQ	1,500,000		1,500,000 FF
	Purchase Tunnel Cage Washer	EQ	208,000		208,000 RF
	Purchase Two-Photon Imaging System	EQ	480,000		480,000 FF
	Purchase Two-Photon Laser Scanning Microscope	EQ	500,000		500,000 FF
	Purchase Mass Spectrometer	EQ	500,000		500,000 FF
	Purchase Ultraview Confocal Microscope	EQ	420,000		420,000 RF
	Purchase Visualization System (Planetarium)	IT	2,000,000		2,000,000 FF
	Purchase and Construct Chevron Parking Lot	C-O	4,430,000		4,430,000 RF
	Renovate Burhans Hall	C-PI	15,537,000		15,537,000 RF
	Renovate Chemistry Fume Hood Redesign Phase II	C-PI	16,467,000		16,467,000 RF
	Renovate Code Improvement Pool	C-PI	4,047,000		4,047,000 RF
	Renovate College of Business Classrooms	C-PI	1,800,000		1,800,000 RF
	Renovate College of Business Faculty Offices	C-PI	1,000,000		1,000,000 RF
	Renovate Ekstrom Library	C-PI	44,705,000		44,705,000 RF
	Renovate Gross Anatomy Lab	C-PI	5,520,000		5,520,000 RF
	Renovate Housing Capital Renewal Pool	C-PI	4,400,000		4,400,000 RF
	Renovate J.B. Speed Building	C-PI	12,200,000		12,200,000 RF
	Renovate Kornhauser Library	C-PI	16,030,000		16,030,000 RF

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>
<u>Cab Ag</u>					
	Renovate KY Lions Eye Research Institute	C-PI	19,860,000		RF
	Renovate Law School	C-PI	36,081,000		RF
	Renovate Life Sciences Building Vivarium	C-PI	1,096,000		RF
	Renovate Medical School Tower 55A	C-PI	75,768,000		RF
	Renovate Miller Hall	C-PI	17,087,000		RF
	Renovate Natural Science Building	C-PI	23,508,000		RF
	Renovate Oppenheimer Hall	C-O	4,792,000		RF
	Renovate Papa John's Stadium Seat Replacement	C-PI	5,000,000		RF
	Renovate Research Resource Center	C-PI	14,708,000		RF
	Renovate Resurface Track and Cardio Path	C-PI	700,000		RF
	Renovate Speed Building	C-PI	11,927,000		RF
	Utility Distribution South Belknap Campus	C-O	12,000,000		RF
	2012-2014 Total		1,275,481,000		1,275,481,000
2014-2016					
	Construct Flexner Way Mall Hancock to Clay	C-O	1,500,000		RF
	Purchase Land Near Floyd Street Parcel II	C-O	5,000,000		RF
	Purchase Land Near Parcel IV	C-O	3,000,000		RF
	Renovate Bingham Humanities Building	C-PI	34,530,000		RF
	Renovate Ford Hall	C-PI	4,197,000		RF
	Renovate Gardiner Hall	C-PI	8,422,000		RF
	Renovate Gottschalk Hall	C-PI	3,829,000		RF
	Renovate Jouett Hall	C-PI	3,427,000		RF
	Renovate Sackett Hall	C-PI	8,700,000		RF
	Renovate Schneider Hall	C-PI	19,682,000		RF
	Renovate Threlkeld Hall	C-PI	17,804,000		RF
	2014-2016 Total		110,091,000		110,091,000
	Grand Total		1,385,572,000		1,385,572,000

Western 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>
2012-2014					
1	Renovate Science Campus Phase IV	C-PI	48,000,000	48,000,000	
2	Replace Underground Infrastructure Steam/Electric	C-PI	35,000,000	35,000,000	
3	Construct New Gordon Ford College of Business	C-O	77,200,000	77,200,000	
4	Construct South Region Postsecondary Ed Center Phase II	C-O	10,000,000	10,000,000	
5	Construct Owensboro Technology Center Phase II	C-O	10,000,000	10,000,000	
6	Renovate Radcliff Regional Center	C-PI	3,500,000	3,500,000	
7	Construct Central Region Education Center	C-O	10,100,000	10,100,000	
8	Acquire FFE for Nursing/Physical Therapy Programs	C-O	3,300,000	3,300,000	
9	Miscellaneous Maintenance Pool 2012-2014	C-PI	10,000,000	10,000,000	
10	Renovate 9,000 Square Foot Space	C-PI	2,000,000	2,000,000	
11	Upgrade IT Infrastructure	IT	2,300,000	2,300,000	
12	Renovate Art Lab/Museum	C-O	3,600,000	3,600,000	
13	Design Agriculture Expo Center Renovation	C-PI	1,000,000	1,000,000	
14	Design Academic Complex Renovation	C-PI	7,000,000	7,000,000	
15	Design Environmental Science and Technology Hall Renovation	C-PI	2,500,000	2,500,000	
16	Design Garrett Conference Center Renovation	C-PI	2,500,000	2,500,000	
17	Interior Renovation Jones Jaggers	C-O	1,000,000	1,000,000	
18	Design Gordon Wilson Hall Renovation	C-PI	1,000,000	1,000,000	
19	Construct Nanotechnology Laboratory	C-PI	1,800,000	1,800,000	
20	Renovate 8,000 Square Foot Space	C-PI	1,800,000	1,800,000	
21	Renovation 49,000 Square Foot Space	C-PI	10,600,000	10,600,000	
22	Renovate Kentucky Building	C-PI	14,100,000	14,100,000	
2012-2014 Total			258,300,000	258,300,000	
2014-2016					
	Expand Center for Research and Development	C-O	9,200,000	9,200,000	
	Miscellaneous Maintenance Pool 2012-2014	C-PI	10,000,000	10,000,000	
	Parking and Street Improvements 2014-2016	C-PI	1,000,000	1,000,000	
	Renovate Academic Complex	C-PI	25,000,000	25,000,000	
	Renovate Ag 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	22,600,000	22,600,000	
	Renovate Gordon Wilson Hall	C-PI	11,200,000	11,200,000	
	Renovate Helm/Cravens Library	C-PI	41,000,000	41,000,000	
	Renovate Industrial Education Facility	C-PI	5,300,000	5,300,000	
	Renovate Ivan Wilson Center Phase II	C-PI	34,000,000	34,000,000	
	Renovate PS1 Ground Level/Facilities Management	C-PI	8,300,000	8,300,000	
	Renovate Service Supply Building	C-PI	10,000,000	10,000,000	
	Upgrade Campus Retaining Walls	C-PI	1,000,000	1,000,000	
	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	
2014-2016 Total			223,000,000	223,000,000	

Western Kentucky University (continued)

<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					
	Construct Multi-Purpose Research Office Building	C-O	19,400,000	19,400,000	
	Demolition of Tate Page Hall	C-PI	2,000,000	2,000,000	
	Miscellaneous Maintenance Pool 2014-2016	C-PI	10,000,000	5,800,000	4,200,000 RF
	Renovate Jones Jagers Hall	C-PI	10,200,000	10,200,000	
	2016-2018 Total		41,600,000	37,400,000	4,200,000
	Grand Total		522,900,000	518,700,000	4,200,000

Projects involving Agency Bonds

2012-2014					
1	Construct Honors College Facility	C-O	22,000,000		22,000,000 AB
2	Renovate Downing University Center Phase V	C-PI	16,500,000		16,500,000 AB
	2012-2014 Total		38,500,000		38,500,000
	Grand Total		70,107,000		70,107,000

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

2012-2014					
	Acquire FF&E for Renovation	EQ	8,000,000		8,000,000 RF
	Acquire Land and Construct Head Start Facility	C-O	10,000,000		10,000,000 FF
	Construct Center for Dairy Education and Innovation	C-O	5,000,000		5,000,000 FF
	Construct Scale-Up Compost Heat Greenhouse	C-PI	1,500,000		1,500,000 FF
	Construct/Fit-Out Leased Space @ Block 12 Phase II	C-O	5,000,000		5,000,000 RF
	Construct Baseball Grandstand	C-O	10,900,000		10,900,000 OT-P
	Construct Football Pressbox	C-PI	1,800,000		1,800,000 OT-P
	Construct International Center	C-PI	3,000,000		3,000,000 RF
	Construct Mesonet Computer Center	C-PI	5,800,000		5,800,000 RF/FF
	Construct New Lighted Tennis Courts	C-PI	3,600,000		3,600,000 OT-P
	Construct South Plaza	C-O	2,500,000		2,500,000 OT-P
	Construct Track and Field Facilities	C-O	9,500,000		9,500,000 OT-P
	Develop Alumni Lawn	C-PI	2,000,000		2,000,000 RF
	Equipment Pool 2012-2014	EQ	2,500,000		2,500,000 RF
	Expand Gatton Academy of Math and Science	C-PI	10,000,000		10,000,000 OT-P
	Parking and Street Improvements 2012-2014	C-O	3,000,000		3,000,000 RF
	Purchase Property for Campus Expansion 2012-2014	C-O	3,000,000		3,000,000 RF
	Renovate Craig Alumni Center	C-PI	1,700,000		1,700,000 RF
	Renovate Underground Electrical Infrastructure Phased	C-PI	3,000,000		3,000,000 RF
	Renovate Tate Page Hall	C-PI	2,000,000		2,000,000 RF
	2012-2014 Total		93,800,000		93,800,000

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					
2014-2016					
	Construct Indoor Multi-Sport Facility	C-O	11,500,000	11,500,000	OT-P
	Construct Indoor Practice Facility	C-O	15,300,000	15,300,000	OT-P
	Construct Outdoor Intramural Field	C-O	1,500,000	1,500,000	RF/OT-P
	Energy Saving Performance Contracting 2014-2016	C-PI	10,000,000	10,000,000	OT-LTF
	Purchase Property for Campus Expansion 2014-2016	C-O	2,000,000	2,000,000	RF
	Renovate Underground Electrical Infrastructure Phased	C-PI	3,000,000	3,000,000	RF
	Renovate Garrett Conference Center	C-PI	18,900,000	18,900,000	RF/AB/OT-P
	2014-2016 Total		62,200,000	62,200,000	
2016-2018					
	Construct Parking Structure #3	C-O	10,000,000	10,000,000	RF/FF
	Energy Saving Performance Contracting 2016-2018	C-PI	10,000,000	10,000,000	OT-LTF
	Parking and Street Improvements 2016-2018	C-O	3,000,000	3,000,000	RF
	Purchase Property for Campus Expansion 2016-2018	C-O	2,000,000	2,000,000	RF
	Renovate Underground Electrical Infrastructure Phased	C-PI	3,000,000	3,000,000	RF
	2016-2018 Total		18,000,000	28,000,000	
	Grand Total		184,000,000	184,000,000	

Explanation of Acronyms

FF&E Furniture, Fixtures and Equipment
TIF Tax Increment Financing

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>
2012-2014					
1	E-Case and Docket Management System Phase I	IT	28,132,000	28,132,000	
	Construct Judicial Center in Henry County	C-O	12,750,000		12,750,000
	Construct Judicial Center in Nicholas County	C-O	10,868,000		10,868,000
	2012-2014		51,750,000	28,132,000	23,618,000
2014-2016					
	E-Case and Docket Management System Phase II	IT	20,166,000	20,166,000	
	Construct Judicial Center–Project #3	C-O	11,079,000		11,079,000
	Construct Judicial Center–Project #4	C-O	13,579,000		13,579,000
	2014-2016 Total		44,824,000	20,166,000	24,658,000
2016-2018					
	E-Case and Docket Management System Phase III	IT	14,650,000	14,650,000	
	Construct Judicial Center–Project #5	C-O	11,876,000		11,876,000
	Construct Judicial Center–Project #6	C-O	11,876,000		11,876,000
	2016-2018 Total		38,402,000	14,650,000	23,752,000
	Grand Total		134,976,000	62,948,000	72,028,000

*Bonds are issued by local governments to construct court facility projects. The debt service is financed by use allowance payments from state bonds.

Appendices

- **A: KRS Chapter 7A**
- **B: Report of the Commonwealth Office of Technology**
- **C: Report of the Council on Postsecondary Education**
- **D: Report on Kentucky's 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 3 (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 members shall be appointed by the Governor to represent the executive branch of state government. These members shall serve for a term of 4 years and until their successors are appointed.
 - (b) 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 4 years and until their successors are appointed.
 - (c) 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 2012-2018 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.



Steven L. Beshear
Governor

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

Steve Rucker
Commissioner

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/>

Jim Barnhart
Deputy Commissioner

Senator Jack Westwood
Representative Melvin Henley
Capital Planning Advisory Board

Dear Senator Westwood and Representative Henley,

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. The members of my staff and agency representatives performed the review. We focused specifically on information technology projects from the 2012-2014 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 result of this review is contained within 3 reports:

- Appendix A; 2012-2014 All Funds Capital Information Technology Projects with high Value Designation Noted
- Appendix B; 2012-2014 General Fund High Value Information Technology Projects
- Appendix C: 2012-2014 Commissioner of Technology: 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 continues to make progress with our use of information technology and I look forward to working with this body so that together we can continue to move Kentucky forward.

Sincerely,

Steve Rucker
Commissioner

2012-2014 Capital Improvement Plans July 2011

Executive Summary

The dependency of state government upon Information Technology (IT) is a necessary reality in not only sustaining the current level of services to the citizens of the Commonwealth, but coupled with budgetary pressures and the ever increasing demand for additional services, is presenting a major challenge to the state's current IT resources. In addition, IT continues to play a key and growing role in the United States' and world's increasingly digital and mobile economy.

In these economic times, we need to escalate efforts to modernize and transform state government through innovative thinking and solutions. IT is, and will continue to be, a critical component of the Commonwealth's roadmap for the future. The future of public services must incorporate technology in order to give citizens choices, with personalized services designed around their needs—not the needs of the government. Several hundred services are now available to our citizens through the Kentucky.gov portal. Individual agencies also move toward providing more services through the Internet as a cost effective way to reach the citizen, but progress continues to lag behind need.

The way our citizens interact with each other and business is changing with the constant advances in technology and we must accelerate adaption of our service model to the wishes of those we serve. It is obvious that we can only deliver the modern services that Kentucky citizens and businesses need by using technology to integrate government services across agencies. This requires collaboration and cooperation, since we are stronger, more effective, and less wasteful of diminishing revenue when we work together.

The Commonwealth Office of Technology (COT) worked in conjunction with a select team of state agency representatives, including the Office of the State Budget Director (OSBD), CHFS, KYTC, and the Education cabinet in all aspects of the Capital IT projects review and scoring process. This review and scoring methodology continues to support key strategic initiatives of the Commonwealth including public safety, electronic health, quality education, transportation infrastructure, and efficient government services

For the 2012-2014 biennium, agencies are aware of the financial situation the Commonwealth is currently facing and the submission of Capital IT project requests reflects an understanding of the limited availability of potential funding. Only 50 projects were submitted for the 2012-2014 biennium. This was nearly a 50 percent decrease from the 2010-2012 timeframe when 95 projects were submitted.

Approximately \$415 million will be needed to fulfill all new requests as opposed to the \$775 million in projects previously submitted by state agencies for consideration during the prior planning cycle. This portfolio shows a continued decrease from the \$800 million requested for the 2008-2010 planning cycle.

Four ‘mega project’ requests make up approximately 33 percent of the total requested funding while nearly half of the requests are calculated as costing \$2 million or less. This helps support evidence that 1) technology costs continue to drop, and 2) agencies that have continued to do work in a manual manner or limp along with legacy systems can no longer continue to do so through budget cuts and staffing restraints.

A somewhat disturbing trend was 12 ‘infrastructure’ project requests, totaling more than \$30 million, from agencies indicating they do not have sufficient operating budgets to update basic IT needs (e.g., laptop and desktop computers, printers, and multi-function devices, as well as ‘last mile’ network upgrades within their agencies) to take full advantage of Internet capabilities. These requests combined are more than 400 percent of the requested total COT has submitted for true enterprise infrastructure upgrades for the benefit of all agencies and citizens.

Similarly, there were 3 requests for Identity and Access Management projects, two of which were from agencies requesting a total of \$6 million for their individual agency projects. COT’s approach, through a project totaling \$9 million, begins efforts toward an enterprise-wide solution to the problem.

These are examples that support the wisdom of the recent development through the Governor’s Smart Government Initiative of an enterprise IT governance committee that will allow a true cross-agency focus. This focus is anticipated to reduce duplicate projects at the agency level and elevate common needs to the Enterprise, where they can be addressed appropriately.

Based upon the recommendations of the evaluation team, the Commissioner of COT has produced 3 reports for the Capital Planning Advisory Board (CPAB) to consider in its formulation of a statewide capital improvement plan. Attachments A and B are the direct result of COT’s established review methodology and evaluation process. Attachment C highlights other general and restricted fund projects that specifically enable the Commonwealth to achieve its strategic goals and fell just short mathematically of receiving an ‘HV’ designation.

- 2012-2014 All Funds Capital Information Technology Projects with High Value Designation Noted
- 2012-2014 General Fund High Value Information Technology Projects
- 2012-2014 Commissioner of Technology: Additional Priorities

2012-2014 Capital Improvement Plans

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

Commonwealth Office of Technology
July 2011

Introduction

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

CPAB will find in the presentation of this report that the Commissioner has once again undertaken a defined, disciplined and objective approach to the evaluation of capital IT items and systems submitted by executive branch state agencies. COT has facilitated a thorough review and analysis resulting in the recommendations outlined in this report to the CPAB.

For the 2012-2014 capital planning cycle, 50 IT capital items/systems were contained with capital improvement plans submitted by executive branch state agencies. Additionally, COT has coordinated with staff of The Council on Postsecondary Education for their continued review of university plans, including IT capital items and systems. In addition, neither the Commissioner nor COT has oversight authority for information technology initiatives in the legislative and judicial branches as stipulated in KRS 11.509.

Summary of Capital IT Items and Systems Submitted to the CPAB

The planned budget amounts of state agency capital items submitted for the 2012-2014 cycle totals approximately \$415 million. This \$415 million is broken down into the following categories:

- General Funds - \$253 million
- Restricted Funds - 41 million
- Federal Funds - 103 million
- Road Funds - 12 million
- Private Funds - 6 million

Evaluation of Capital IT Items and Systems

To execute its responsibility to provide a meaningful and justifiable review of capital IT items and systems to 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 information technology 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 requested that agencies prepare their requests utilizing a prepared 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 delivering upon the initially agreed scope. With the ever increasing threat of cyber-attacks or hacks, applications that contain sensitive or classified data put the Commonwealth at increased risk of citizen identity theft if the application is not properly designed or housed in an appropriately secured environment.

Each proposed capital IT item and system was evaluated by the seven member committee against the above two sets of independent criteria: Business Value and Risk Factors. The two major criteria were comprised of a total of 13 subcomponents, each one numerically weighted with an assigned ranking being explicitly defined. Each item and system was evaluated against the criteria on the following page:

Business Value:

Business Case and Justification

Efficiency includes Cost Savings or Avoidance, Revenue or Accountability

External Requirement

Service improvement thru Shared Services

Improved Quality of Life for Citizens

Risk Factors:

Total Cost of Ownership

Architectural Compliance

Location Infrastructure Tier Level

System Data Classification

Solution Definition

Executive Sponsorship

Implementation Timeline

Level of Complexity

A composite business value index and risk factor index was derived for each capital IT item and system, with those projects exemplifying high business value and low risk factors being ranked as achieving the designation of 'High Value'.

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

- 2012-2014 All Funds Capital Information Technology Projects with High Value Designation Noted
- 2012-2014 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*.

Commissioner: Additional Priorities

The Commissioner has defined a priority list of additional general fund, as well as restricted 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 risk management.

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

- 2012-2014 Commissioner of Technology: Additional Priorities

All Funds Capital Information Technology Projects with High Value Designation

Capital Item/System Title		Fund High Budget Source Value	Cabinet	Agency	
2012-2014					
1	CHFS	Secretary's Office/All Other	CHFS Single Sign on	1,000,000	GF/FF HV
2	CHFS	Secretary's Office/All Other	Child Support System (KASES III)	85,076,000	GF/FF
3	CHFS	Secretary's Office/All Other	DAIL System Modernization	1,090,000	GF HV
4	CHFS	Secretary's Office/All Other	KY Medicaid Eligibility System	50,000,000	GF/FF
5	CHFS	Secretary's Office/All Other	Network Infrastructure Upgrade Phase II	6,003,000	GF/FF
6	CHFS	Community Based Services	Health and Welfare Self Service Citizen Web Portal	6,600,000	GF/FF
7	CHFS	Community Based Services	Support for Health and Welfare (KAAAP)	49,500,000	GF/FF
8	CHFS	Behavioral Health, Dev Disab	DBHDID Facility Information System Phase 1	10,200,000	GF
9	CHFS	Behavioral Health, Dev Disab	DBHDID Facility Information System Phase 2	10,200,000	GF
10	CHFS	Public Health	DPH Budget, Accounting and Reporting System	3,600,000	GF
11	CHFS	Public Health	DPH IT Communication System Upgrade	987,000	GF/FF
12	CHFS	Public Health	KY Automated Vital Statistics Info Sys RF	19,200,000	RF
13	CHFS	Public Health	KY Automated Vital Statistics Info Sys	19,200,000	GF
14	CHFS	Public Health	Radiation Health Lab Info Mgmt System (LIMS)	775,000	GF HV
15	Education	Council on Postsecondary Ed.	Course Redesign Initiative	2,000,000	GF
16	Education	Council on Postsecondary Ed.	Enterprise Data Collection Analysis and Reporting	2,000,000	GF
17	Education	Council on Postsecondary Ed.	Expand KY Reg Optical Network Infrastructure	4,250,000	GF
18	Education	Council on Postsecondary Ed.	KnowHow2GoKY.Org Learner Portal	1,200,000	GF
19	Education	Council on Postsecondary Ed.	KY Virtual Library Infrastructure Rebuild	16,850,000	GF
20	Education	Council on Postsecondary Ed.	KYVC/KYVL Create Statewide Tech Lab	4,000,000	GF
21	Education	Council on Postsecondary Ed.	Purchase Interactive Video Control Center	1,000,000	GF
22	Education	Council on Postsecondary Ed.	Upgrade CPE Technology Infrastructure	1,000,000	GF
23	Education	Library and Archives	KDLA Information Systems Infrastructure	715,150	GF
24	Education	Kentucky Educational Television	Digital Conversion Phase 3	1,585,000	GF
25	Education	Kentucky Educational Television	KET Digital Infrastructure Maintenance Pool	800,000	GF
26	Education	Secretary's Office/ All Other	Enterprise Case Management System	22,000,000	GF
27	Education	Department of Education	Identity Management - KDE	5,470,231	GF
28	Energy and Environment	Natural Resources	Mine Safety, Licensing and Mapping Application	972,000	GF HV
29	Energy and Environment	Environmental Protection	TEMPO System Upgrade	914,000	GF HV
30	Finance	Commonwealth Office of Tech	Commonwealth IT Infrastructure Upgrade	7,350,000	RF HV
31	Finance	Commonwealth Office of Tech	Enterprise Identity and Access Management	8,745,000	GF HV
32	Finance	Commonwealth Office of Tech	KY IT Portfolio Planning System	3,520,000	GF
33	Finance	Commonwealth Office of Tech	Statewide Microwave Network Maint (KEWS)	5,850,000	GF HV
34	Finance	Revenue	FileNet Upgrade to P-8 Platform	600,000	GF
35	Finance	KY Lottery Corp	Data Processing, Telecomm and Related Equip	6,000,000	RF

All Funds Capital Information Technology Projects with High Value Designation

Cabinet	Agency	Fund High Capital Item/System Title	Budget	Source	Value	
2012-2014						
36	General Government	Office of Homeland Security	KY Statewide E-Warrants	1,500,000	GF	
37	General Government	KY Teacher's Retirement	KTRS Pension Management System II	13,450,000	GF	
38	Justice	Department of Corrections	Create IT Capital Replacement Cycle, Ph I	2,317,000	GF	
39	Justice	Department of Corrections	Replace Electronic Offender Mgt. Sys. Ph II	2,000,000	GF	
40	Justice	Dept of Criminal Justice Training	IT Initiative	746,000	RF	
41	Justice	Department of Public Advocacy	Case Management System	800,000	GF	HV
42	Justice	Department of State Police	Computerized Criminal History Project	670,000	GF	
43	Justice	Department of State Police	Information Systems Infrastructure Upgrade	7,200,000	GF	
44	Justice	Department of State Police	Kentucky Interoperability Plan	2,000,000	GF	
45	Justice	Department of State Police	KYOPS Enhancement	2,000,000	GF	
46	Justice	Department of State Police	Replace/Upgrade Mobile Data Computers	2,000,000	GF	
47	Justice	Department of State Police	Replacement of AFIS Livescan Equipment	3,200,000	GF	
48	Public Protection	Secretary's Office/ All Other	KHRC Integrated Database and Info. System	1,531,000	GF	HV
49	Tourism	Department of Parks	Technology Upgrades	2,000,000	GF	
50	Transportation	Vehicle Regulation	Replace KY Driver Licensing System (KDLIS)	12,500,000	RF	
Total				417,166,381		

General Fund High Value Information Technology Projects

Capital Item/System Title		Fund High Budget Source Value	Cabinet	Agency		
2012-2014						
1	Justice	Department of Public Advocacy	Case Management System	800,000	GF	HV
2	CHFS	Public Health	Radiation Health Lab Info Mgmt System (LIMS)	775,000	GF	HV
3	Energy and Environment	Natural Resources	Mine Safety, Licensing and Mapping Application	972,000	GF	HV
4	CHFS	Secretary's Office/All Other	CHFS Single Sign On	1,000,000	GF/FF	HV
5	Energy and Environment	Environmental Protection	TEMPO System Upgrade	914,000	GF	HV
6	CHFS	Secretary's Office/All Other	DAIL System Modernization	1,090,000	GF	HV
7	Public Protection	Secretary's Office/All Other	KHRC Integrated Database and Information System	1,531,000	GF	HV
8	Finance	Commonwealth Office of Tech	Enterprise Identity and Access Management	8,745,000	GF	HV
9	Finance	Commonwealth Office of Tech	Statewide Microwave Network Maint (KEWS)	5,850,000	GF	HV
				Total	24,957,000	

Commissioner of Technology: Additional Priorities

Item/System Title	Budget	Source	Fund	Cabinet	Agency	Capital
2012-2014						
1	CHFS	Secretary's Office/All Other	KY Medicaid Eligibility System		50,000,000	GF/FF
2	CHFS	Behavioral Health, Dev Disab	DBHDID Facility Information System Phase 1		10,200,000	GF
3	Education	Council on Postsecondary Ed.	KY Virtual Library Infrastructure Rebuild		16,850,000	GF
4	Education	Council on Postsecondary Ed.	Expand KY Reg Optical Network Infrastructure		4,250,000	GF
5	Justice	Department of State Police	KYOPS Enhancement		2,000,000	GF
6	Justice	Department of State Police	Replace/Update Mobile Data Computers		2,000,000	GF
7	Justice	Department of Corrections	Replace Electronic Offender Mgt. Sys. Ph II		2,000,000	GF
8	Transportation	Vehicle Regulation	Replace KY Driver Licensing System (KDLIS)		12,500,000	RF
Total					99,800,000	

Information Technology Capital Project Review Process

Review and Prioritization Process

In January 2011, COT presented the timeline, review methodology, and criteria for the 2012-2014 Capital IT Project Planning Process to the Commonwealth Technology Council (CTC). The decision was made to modify the previous biennium scoring criteria to reflect the current financial situation within the Commonwealth as well as to require a more in depth business justification and understanding of the total cost of ownership (TCO). These changes would amplify the significance of improved efficiency, and improved quality of life for citizens while providing a clearer financial picture of not only what it will cost to implement but also the ongoing support costs the Commonwealth would be committed to for at least the first 5 years.

COT solicited members from the CTC to join COT management on what was again termed the Agency Review Committee (ARC). This committee was comprised of 3 members of COT executive management and four agency volunteers representing the Cabinet for Health and Family Services, Transportation, Education, and the Office of the State Budget Director.

Over the course of the first 3 weeks of May, ARC members had the opportunity to review each information technology item and system within the 2012-2014 portfolios according to the defined criteria and methodology.

Over the two-day period from May 25 to May 26, 2011, each Cabinet and agency was allotted time to present an overview of their capital IT items and systems, and to specifically outline how each item or system addressed the individual components of the evaluation criteria. This forum also allowed for interaction, discussion, and questions between the ARC and those agencies submitting projects.

At the conclusion of the agency presentations, the ARC members each reviewed one identified project against the defined criteria and then discussed their justifications so a level of common scoring understanding was obtained. ARC members were allowed two weeks to submit their scores to the Commonwealth Office of Technology for compilation.

Due to continued scheduling conflicts, the ARC did not physically reconvene to provide group consensus on the final project scoring and 'high value' designations based upon information assembled from the individual member submissions. However, discussion and consensus was reached via group email discussions.

Capital Project Review Criteria

Each proposed information technology capital project was evaluated against two sets of criteria: Business Value and Risk Factors. Project rankings were assessed against each component on a scale of -1 to 5, with each assigned ranking being explicitly defined. An objective score was 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 or project designee.

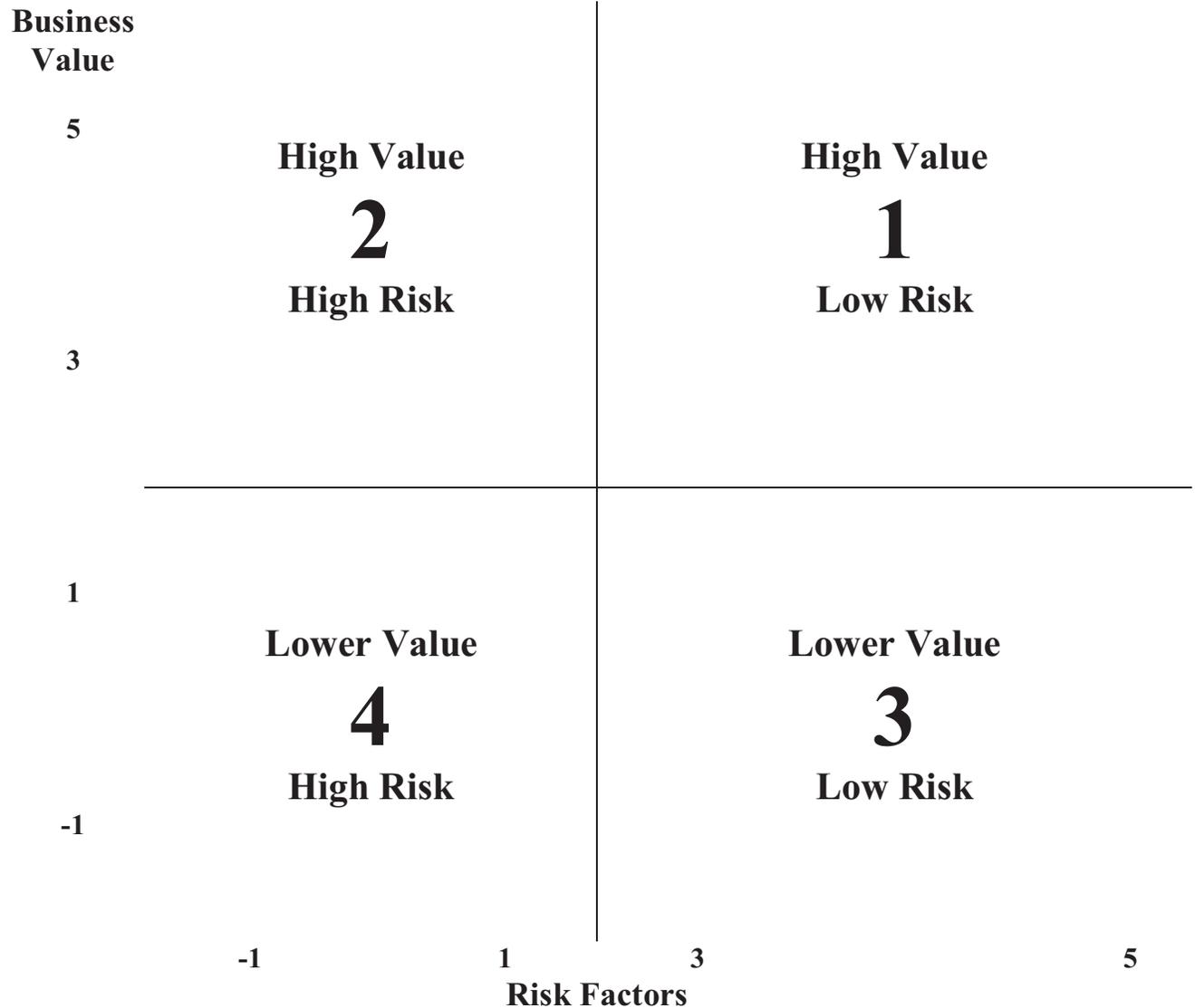
Information Technology Capital Project Review Process

Business Value	Wt	Rating				Score	
		-1	1	3	5		
Business Case and Justification	7	None Provided	Minimal Information or Justification	Some level of detail but not clear or logical	Detailed, complete explanations with large, rapid ROI, etc	35	
Efficiency Includes Cost Savings or Avoidance, Revenue, or Accountability	7	None identified	Negligible or minimal opportunity	Significant opportunity expected; not quantified	Quantified, significant opportunity	35	
External Requirement	6	None identified	Legislative Requirement	Federal Requirement	Required by litigation, fine or penalty	30	
Service Improvement thru Shared Services	6	Single use application on new physical server(s)	Some modular components with partial use of existing hardware	Modular, new component development with partial expansion of existing hardware	Reuse of largely existing components with full expansion of existing hardware	30	
Improved Quality of Life for Citizens	4	Does not relate	Indirectly Supports	Directly affects a small % of KY citizens	Directly affects a large % of KY citizens	20	
Scoring Weight	30					Subtotal	150

Risk Factors	Wt	-1	1	3	5	Score
Total Cost of Ownership (from Business Case)	6	>60M	25M to 45M	6M to 15M	< 3M	30
Compliance with Commonwealth Architectural Standards	4	Non-compliant	Proposes use of non-proven, out-dated or immature technologies	Proposes emerging technology on the standards "horizon"	Fully compliant	20
Location Infrastructure Tier Level	4	Unclassified (Below Tier 1)	Tier 1	Tier 2	Tier 3 or 4	20
System will Contain Data Classified as 'Sensitive' or above within EAS 4080	4	No determination of data content	No data above 'Confidential' level	No data above 'Sensitive' level	All data below 'Sensitive' level	20
Solution Definition	3	Solution must be developed from scratch or customized >25%	Solution must be moderately customized (>10% to < 25%)	Solution is readily available with minor customization expected (<10%)	Solution is readily available with no customization or replicated from previous success	15
Executive Sponsorship	3	Bottom organization priority	Lower 50% organization priority	Upper 50% organization priority	Top organization priority	15
Implementation Timeline	3	> 2 years or 'Big Bang'	> 1 year but < 2 years	< 1 year but > 6 months	< 6 months	15
Level of Complexity	3	Difficult	High	Medium	Low	15
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 previous planning processes, the Capital Planning Advisory Board requested the assistance of outside expertise in reviewing projects submitted in the 2012-2018 capital plans of the postsecondary institutions. Specifically, the board requested a report from the Council on Postsecondary Education (CPE) that would

- identify those projects—particularly those proposed to be financed from the General Fund (cash or bonds)—that represent the highest-priority needs of the system and the criteria on which those determinations were based; and
- include recommendations or information on any other items relating to postsecondary education that would be helpful to the board in developing its statewide capital improvements plan.

As requested by the Commonwealth Office of Technology, for the 2012-2018 planning process, CPE also assumed responsibility for reviewing and reporting on the information technology projects submitted by the postsecondary institutions.

Both reports from the Council on Postsecondary Education follow.



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

July 27, 2011

The Honorable Melvin B. Henley
The Honorable Jack Westwood
Co-Chairs
Capital Planning Advisory Board
Capitol Annex, Room 34
Frankfort, Kentucky 40601

Dear Representative Henley and Senator Westwood:

The Capital Planning Advisory Board requested that the Council on Postsecondary Education provide input for use in developing the Board's *2012-18 Statewide Capital Improvements Plan*. Further, the Board requested that the Council review and identify projects to be financed with General Funds that represent the highest priority needs of the system and the criteria that support those determinations. Also to be included in the report are recommendations or other information that may affect postsecondary education institutions that may be helpful to the Board in developing the statewide plan.

In 2005, the Council reported to the Board that the Council and the institutions had developed a model to assist in evaluating capital project requests. That model has been used for each biennium since 2005. As noted in previous communications, the projects identified as high priorities for planning purposes are subject to change as the Council continues to develop its recommendations for the 2012-14 biennial capital budget recommendation, which will be acted on by the Council at its November 4, 2011, meeting.

Planning Priorities

Traditionally, capital planning priorities identified for the Board have been project specific. The outcome has been a focus on a single project authorization by the General Assembly with no flexibility for institutions to address combinations of high priority capital related issues, for example, asset preservation, renovation, new/expanded space, and research facilities over an extended period of time. In a new approach for 2012-14, the CPE presents project priorities (unranked) in three related categories: 1) asset preservation/renovation; 2) new/expanded and research facilities; and 3) information technology initiatives. While the projects are unranked, the value of each project is evaluated using five criteria which are included as Attachment 1. The criteria are:

- The project directly supports the Postsecondary Improvement Act of 1997 (HB 1) goals, the CPE 2011-15 Strategic Agenda, and statewide economic development goals.
- The project supports the institution's Council approved mission and is a high priority.
- It provides for the completion of projects authorized in a prior biennium and which, if not funded, will compromise the viability of the phased facility. (Based on evidence of intent.)
- The postsecondary system's Space Utilization Standards and Space Needs Model indicates a need for additional space or there is an explicit need to retool/remodel/replace existing space.
- The project significantly reduces the capital renewal and maintenance burden, addresses the findings of the Council's 2007 VFA study and the institution has demonstrated good stewardship through evidence of facility renewal and facilities systems maintenance.

The Honorable Melvin B. Henley
The Honorable Jack Westwood
July 27, 2011
Page 2

Projects in category 3 were evaluated using separate criteria, ranked and submitted separately. It should be noted that capital planning priorities submitted to the Board are likely to be modified at the time the 2012-14 biennial capital projects recommendation is made to the Governor and the General Assembly in November. A summary of the Council's strategy for capital follows.

2012-2014 Capital Projects Planning Priorities

The Council staff envisions a long-term funding approach for capital projects that identify a reliable source of funds to address asset preservation, renovation and new/expanded facilities that allow institutions to focus on combinations of capital priorities and provides a balanced distribution of funds among asset preservation/renovation and new/expanded space. The spending plan/priorities would span at least six years and include a method for distributing capital funds among institutions that is fair, data driven, and considers all relevant resources to fund capital needs. A strong influence in establishing balance among priorities is emphasis on existing campus infrastructure as suggested by the 2007 Statewide Facilities Assessment & Space Adequacy Study conducted by VFA, Inc., and Paulien & Associates. The statewide priorities are:

1. Asset preservation and renovation.
2. Construction of new/expanded education and general research facilities.
3. Information technology initiatives.

Recommendations/Other Information

We anticipate that the Council at its November 4 meeting will address the new strategy. While we have been using for modeling purposes \$1.5 billion for capital over the next three biennia (\$500 million in 2012-14, \$500 million in 2014-16, and \$500 million in 2016-18) with approximately one-half of the total dedicated to asset preservation and renovation and the remainder dedicated to new/expanded space, the actual request will probably be in an amount more reflective of actual campus needs based on the VFA data. The strategy advocates an aggressive but reliable model for investment by the state and institutions in asset preservation by incorporating the new approach into the state's long-range plan.

At its April 2007 meeting, the Council received a report by VFA, Inc., regarding the condition of the existing postsecondary education and general infrastructure. The study addressed three critical areas: space condition, adequacy, and capacity. The findings of the study were presented to the Board in May 2007. The study suggests that more aggressive state investment will be needed over several biennia to improve the condition of existing space and a long-term strategy to improve institutional investments for maintaining facilities consistent with industry best practices. Since 2007 the level of recurring investment has not been sufficient to address these needs. The new strategy is intended to focus attention to the preservation of the state's current investment in capital assets.

We look forward to the opportunity to speak with you at your July 29 meeting. Please call Dr. John Hayek, Mr. Sherron Jackson, or myself if you have questions.

Sincerely,

Robert L. King

Attachments

cc: John Hayek
University Presidents
KCTCS President

**Statewide Capital Projects Planning Priorities
 Project Evaluation Score Sheet**

Adoped: July 2005

The evaluation criteria assesses the nature/intent of a project as described by the institution. They form the core factors that the system looks at to evaluate the relative position of each project as compared to the postsecondary system Public Agenda and CPE approved institution missions. All subcriteria have equal weighting, except where specifically noted.

		<u>Points Allocation</u>
1.	<i>The project directly supports HB 1 goals, the Public Agenda, and the statewide economic development goals.</i>	25.00
a.	Extent to which the project provides space for student instruction, enrollment growth, or direct support of the CPE approved program of national distinction.	6.25
b.	Extent to which the project address space or infrastructure that directly supports statewide economic development goals.	6.25
c.	Extent to which the project address research in one of five new economy clusters, WFD, the RCTF or REUTF goals of HBI.	6.25
d.	Extent to which the project address space for applied research programs outside the new economy areas that address the economic and community needs of the institutions service area, or workforce development.	6.25
2.	<i>The project supports the institution's mission and is a high institutional priority.</i>	25.00
a.	The project addresses a specific area identified by the Council approved mission parameters.	7.00
b.	Extent to which the project addresses an existing program, program expansion, enrollment growth, institution service region, or a specific need of the region as identified by the Public Agenda.	2.00
c.	Institutional project priority (Priority: #1 = 15 points; #2 = 12 points; #3 = 9 points; #4 = 6 points; and #5 = 3 points.)	15.00
d.	Extent to which project address public engagement, research, or economic development initiatives.	1.00
3.	<i>Projects providing for the completion of facilities authorized during a previous biennium and which, if not funded, will compromise the viability of the phased facility. (Based in evidence of intent by G. A, Governor, or CPE.)</i>	20.00
a.	The Governor, G.A., CPE, or institution stated an intent to phase a project and Phase I has been authorized and funded (planning, programming, schematic design, or site acquisition).	10.00
b.	The project has not been authorized in a previous biennia but has been properly developed, programmed, has a schematic design or is properly scoped.	10.00
4.	<i>The postsecondary system Space Utilization Standards and Space Needs Model indicates a need for additional space or there is an explicit need to retool/remodel/replace existing space.</i>	20.00
a.	Extent to which the project is retooling the facility for a different use, remodeling, renovating, or replacing space.	6.00
b.	Extent to which the space needs model indicates a need for additional space for the use identified by the project request.	10.00
c.	The project is on the national historic register or has other official historic status.	1.00
d.	Extent to which construction of new space will free up space for a new use.	3.00
5.	<i>The project significantly reduces the capital renewal and maintenance burden and the institution has demonstrated good stewardship through evidence of facility renewal and facilities systems exceeding the manufacturer's suggested system life expectancies.</i>	10.00
a.	Extent to which the building systems history show an average useful life of 90% or greater.	4.00
b.	Extent to which the project is upgrading systems that have offsetting economies or efficiencies.	2.00
c.	Extent to which the project is required for regulatory compliance, i.e., ADA, energy, fire, life safety, pollution/air quality, or earthquake, federal, state or local regulation, or citation by state or federal government regulatory agency.	2.00
d.	Extent to which the project address structural or impending failure, flaws that have occurred as a result of improper design, construction, or materials failure.	2.00

Total Score

**Council on Postsecondary Education
2012-14 Statewide Capital Plan Priorities
General Fund**

Project Scope

System Priority/Project Category	Gen. Fund	Inst Fund	Total	Percent of Total
1 Asset Preservation & Renovation	\$767,933,000	\$2,028,000	\$769,961,000	29.24
2 New/Expanded & Res. Facilities	\$1,770,389,000	\$40,200,000	\$1,810,589,000	67.41
3 Information Technology Projects	\$87,816,000	\$4,000,000	\$91,816,000	3.34
Total - Planning	\$2,626,138,000	\$46,228,000	\$2,672,366,000	100.00

**2012-14 Capital Plan Modeling Estimates by Project Category/Institution/VFA Study
Recommendations**

Institution	Asset Pres. Renovation	New/Expand Top 2	IT	Total	Inst Share
EKU	\$ 19,753,471	\$ 5,438,677	\$ 24,212,000	\$ 49,404,148	8.3%
KSU	5,016,967	3,349,121	23,499,000	31,865,088	5.3%
MoSU	15,555,814	3,120,807	17,399,000	36,075,621	6.0%
MuSU	16,168,169	1,844,805	8,406,000	26,418,974	4.4%
NKU	15,151,307	13,616,229	0	28,767,536	4.8%
WKU	25,178,525	21,571,096	2,300,000	49,049,621	8.2%
UK	107,904,402	43,334,372	0	151,238,774	25.3%
UofL	44,290,655	96,847,020	0	141,137,675	23.6%
KCTCS	32,007,873	39,850,693	12,000,000	83,858,566	14.0%
Total Recomm.	\$ 281,027,183	\$ 228,972,820	\$ 87,816,000	\$ 597,816,003	100%

Summary of 2012-14 Capital Plan Modeling Estimates by Institution/Project Category

Institution	Asset Pres. Renovation	New/Expand Top 2	IT	Total	Inst Share
EKU	\$ 11,680,000	\$ 146,859,000	\$ 24,212,000	\$ 182,751,000	9.5%
KSU	16,978,000	48,588,000	23,499,000	89,065,000	4.6%
MoSU	43,187,000	81,870,000	17,399,000	142,456,000	7.4%
MuSU	39,092,000	95,165,000	8,406,000	142,663,000	7.4%
NKU	144,450,000	96,900,000	-	241,350,000	12.6%
WKU	95,900,000	87,200,000	2,300,000	185,400,000	9.6%
UK	185,900,000	317,240,000	-	503,140,000	26.2%
UofL	144,717,000	144,580,000	-	289,297,000	15.1%
KCTCS	70,112,000	63,289,000	12,000,000	145,401,000	7.6%
Totals	\$ 752,016,000	\$ 1,081,691,000	\$ 87,816,000	\$ 1,921,523,000	100%

**Asset Preservation and Major Renovations
 Statewide Capital Plan Priorities
 General Fund 2012-14**

2012-14 Modeling Estimate for this Category is \$281,027,183

Institution/Project	General Funds	Other Funds	Total	Inst. Priority
Asset Preservation				
1 EKU - E&G Life Safety Begley Elevator	\$750,000		\$750,000	3
2 EKU - Renovate HVAC Systems E&G	10,000,000		10,000,000	13
3 KCTCS - Capital Renewal & Deferred Maintenance Pool	38,000,000		38,000,000	21
4 KCTCS - Renovate HVAC Systems Meece Building, Somerset	3,500,000		3,500,000	25
5 KSU - Roof Repair & Replacement Pool 2012	4,478,000	2,028,000	6,506,000	4
6 KSU - Capital Renewal & Maintenance Pool E&G 2012	2,110,000		2,110,000	15
7 KSU - Life Safety Upgrade Pool E&G	1,362,000		1,362,000	23
8 MoSU - Retube Coal Fired Boilers	3,500,000		3,500,000	9
9 MoSU - Upgrade Fire Alarms	1,511,000		1,511,000	16
10 MoSU - Comply with ADA E&G	3,877,000		3,877,000	20
11 MoSU - Capital Renewal & Maintenance Pool E&G	7,944,000		7,944,000	27
12 MuSU - Upgrade Campus Electrical Distribution System	11,600,000		11,600,000	4
13 MuSU - Replace Campus Steam Distribution System	5,310,000		5,310,000	6
14 MuSU - Complete Life Safety Projects: E&G Pool < \$600,000	1,364,000		1,364,000	9
15 MuSU - Complete ADA Compliance: E&G Pool < \$600,001	4,954,000		4,954,000	10
16 MuSU - Complete Capital Renewal: E&G Pool < \$600,000	14,810,000		14,810,000	11
17 MuSU - Complete Abate Asbestos: E&G Pool < \$600,000	340,000		340,000	12
18 MuSU - Replace Expo Center Roof	714,000		714,000	16
19 NKU - Repair Structural Heaving Landrum & Fine Arts	6,400,000		6,400,000	6
20 NKU - Renew E&G Elevators 2012-14	1,400,000		1,400,000	9
21 NKU - Replace Health Center & Regents Hall Roofs	2,450,000		2,450,000	10
22 UK - Purchase/Upgrade Pollution Controls	21,150,000		21,150,000	7
23 UK - Improve Life Safety, Project Pool E&G	15,000,000		15,000,000	8
24 UK - Capital Renewal & Maintenance Pool E&G	33,750,000		33,750,000	9
25 UK - Repair/Upgrade/Improve Electrical Infrastructure E&G	28,000,000		28,000,000	10
26 UK - Repair/Upgrade/Improve Mechanical Infrastructure E&G	26,000,000		26,000,000	11
27 UK - Repair/Upgrade/Improve Building Mechanical SB	25,000,000		25,000,000	12
28 UK - Repair/Upgrade/Improve Building Shell SB	5,000,000		5,000,000	13
29 UK - Repair/Upgrade/Improve Building Electrical SB	5,000,000		5,000,000	14
30 UK - Repair/Upgrade/Improve Building Elevator System SB	5,000,000		5,000,000	15
31 UK - Repair/Upgrade/Improve Civil/Site Infrastructure SB	14,000,000		14,000,000	16
32 UofL - Renovate Capital Renewal Pool 2012-14	40,000,000		40,000,000	5
33 WKU - Renovate Underground Steam/Electrical Infrastructure	35,000,000		35,000,000	2
34 WKU - Miscellaneous Maintenance Pool	10,000,000		10,000,000	9
Total - Asset Preservation	\$389,274,000	\$2,028,000	\$391,302,000	
Major Renovations				
35 KSU - Renovate & Expand Betty White Nursing Building	9,028,000		9,028,000	1
36 NKU - Renovate Old Science & Const. Health Innovation	92,500,000		92,500,000	1
37 UK - Renovate Academic Facility - SB	8,000,000		8,000,000	1
38 WKU - Renovate Science Campus, Phase IV	48,000,000		48,000,000	1
39 MoSU - Renovate Combs Classroom Building	26,355,000		26,355,000	2
40 KCTCS - Renovate JCTC Downtown Campus, Phase II	28,612,000		28,612,000	3
41 NKU - Renovate Civic Center Building	3,700,000		3,700,000	4
42 UofL - Renovate & Expand Life Sciences Building	64,289,000		64,289,000	4
43 EKU - Renovate Ambulance Building	930,000		930,000	5
44 NKU - Renew/Renovate University Center Phase II	38,000,000		38,000,000	5
45 UofL - Renovate Medical Dental Research Building	56,345,000		56,345,000	6
46 WKU - Renovate Radcliff Regional Center	2,900,000		2,900,000	6
Total - Major Renovation	\$378,659,000	\$-	\$378,659,000	
Total Asset Preservation and Renovations	\$767,933,000	\$2,028,000	\$769,961,000	

**Asset Preservation and Major Renovations
Statewide Capital Plan Priorities
General fund 2012-14**

	Value of Project Categories			Inst
	Asset Preservation	Renovation	Total	Share
EKU	\$10,750,000	\$930,000	\$11,680,000	1.6%
KSU	7,950,000	9,028,000	16,978,000	2.3%
MoSU	16,832,000	26,355,000	43,187,000	5.7%
MuSU	39,092,000	0	9,092,000	5.2%
NKU	10,250,000	134,200,000	144,450,000	19.2%
WKU	45,000,000	50,900,000	95,900,000	12.8%
UK	177,900,000	8,000,000	185,900,000	24.7%
UofL	24,083,000	120,634,000	144,717,000	19.2%
KCTCS	41,500,000	28,612,000	70,112,000	9.3%
Totals	373,357,000	\$378,659,000	\$752,016,000	100%

**New/Expanded E&G Research Facilities
 Statewide Capital Plan Priorities
 General Fund 2012-14**

	General Funds	Other Funds	Total	2012- 14 Inst. Priority
2012-14 Modeling Estimate for this Category is \$228,972,820				
1 EKU - Construct Science Building, Phase 2	\$65,040,000		\$65,040,000	#1
2 KCTCS/MoSU-Construct Postsecondary Education Center of Exc - Phase I	36,000,000		36,000,000	#1
3 MoSU - Construct Enrollment/Retention/Student Services Center	57,208,000		57,208,000	#1
4 MuSU - Construct/Complete New Science Complex, Final Phase	33,132,000		33,132,000	#1
5 UofL - Construct Belknap Classroom/Academic Building	77,580,000		77,580,000	#1
6 EKU - Construct College of Education Complex	81,819,000		81,819,000	#2
7 KCTCS - Construct Hopkinsville Allied Health/Science Building	27,289,000		27,289,000	#2
8 KSU - Construct Centralized Boiler Plant, South Campus	46,382,000		46,382,000	#2
9 MuSU - Construct New University Library	62,033,000		62,033,000	#2
10 NKU - Construct New College of Business Building	80,000,000		80,000,000	#2
11 UofL - Construct Instructional Bdg HSC (Renovate Kornhauser Library)	67,000,000		67,000,000	#2
12 KSU - Construct Pedestrian Bridge across US 60	2,206,000		2,206,000	#3
13 MoSU - Construct Vet - Tech Clinical Service Center	22,881,000		22,881,000	#3
14 MuSU - Construct Paducah Regional Campus Facility	11,000,000		11,000,000	#3
15 NKU - Construct Chiller Plant	16,900,000		16,900,000	#3
16 UK - Construct Gatton Building Complex	106,540,000	25,000,000	131,540,000	#3
17 WKU - Construct New Gordon Ford College of Business	77,200,000		77,200,000	#3
18 EKU - Construct Danville Postsecondary Ed. Center	20,300,000		20,300,000	#4
19 KCTCS - Construct Bluegrass Newtown Campus, Phase I	45,000,000		45,000,000	#4
20 MoSU - Construct MSU Campus at Ashland	16,410,000		16,410,000	#4
21 UK - Construct Law School	95,400,000	15,000,000	110,400,000	#4
22 WKU - Construct South Reg. Glasgow Postsecondary Ed. Cntr, Phase II	10,000,000	-	10,000,000	#4
23 KCTCS - Construct Gateway Urban Campus	62,881,000		62,881,000	#5
24 KSU - Construct Business & Technology Center	31,528,000		31,528,000	#5
25 KSU - Construct Classroom/Performing Arts Center	96,034,000		96,034,000	#5
26 MoSU/Maysville – Const. Postsecondary Education Center of Exc Phase I	36,000,000		36,000,000	#5
27 MuSU - Construct Madisonville Postsecondary Education Center	19,574,000		19,574,000	#5
28 UK - Construct Learning Center	40,000,000	-	40,000,000	#5
29 WKU - Construct Owensboro Technology Center, Phase III	10,000,000		10,000,000	#5
30 EKU - Construct Aviation Instruction Facility	5,575,000		5,575,000	#6
31 KCTCS – Const. Madisonville Postsecondary Education Center (add'l)	19,574,000		19,574,000	#6
32 KCTCS - Construct Owensboro Advanced Technology Center, Phase II	9,500,000		9,500,000	#7
33 MuSU - Construct New Breathitt Veterinary Center	32,468,000		32,468,000	#7
34 KCTCS - Construct JCTC Carrollton Campus, Phase I	15,000,000		15,000,000	#8
35 KCTCS - Construct Madisonville Muhlenberg Campus, Phase II	12,000,000	200,000	12,200,000	#9
36 KCTCS - Construct West KY Arts School	18,000,000		18,000,000	#10
37 CPE - New Lease	0.00		0.00	#1
Total- New/Expanded	\$1,465,454,000	\$40,200,000	\$1,505,654,000	
Research & Economic Development Projects				
38 UK - Construct Science Research Building 2	210,700,000		210,700,000	#2
39 UofL - Construct Belknap Research/Academic/CONN Center	94,235,000		94,235,000	#3
Total - Research	\$304,935,000	\$	\$304,935,000	
Total New/Expanded/Research	\$1,770,389,000	\$ 40,200,000	\$ 1,810,589,000	

The KCTCS Construct OCTC Advanced Technology Center Phase II is the same project as requested by WKU.
 These projects are combined.

The KCTCS Construct MCTC/MSU Postsecondary Education Center of Exec, Phase I is the same project as requested by MoSU \$36.0 Million

**New/Expanded E&G Research Facilities
Statewide Capital Plan Priorities
General Fund 2012-14**

	Value of Project Combinations			Institution Share		
	Top 2	Top 3	Top 4	Top 2	Top 3	Top 4
EKU	\$ 146,859,000	\$ 167,159,000	\$ 172,734,000	13.6%	12.8%	14.0%
KSU	48,588,000	80,116,000	176,150,000	4.5%	6.1%	14.3%
MoSU	81,870,000	98,280,000	134,280,000	7.6%	7.5%	10.9%
MuSU	95,165,000	106,165,000	125,739,000	8.8%	8.1%	10.2%
NKU	96,900,000	0	0	9.0%	0.0%	0.0%
WKU	87,200,000	97,200,000		8.1%	7.4%	0.0%
UK	317,240,000	412,640,000	452,640,000	29.3%	31.5%	36.7%
UofL	144,580,000	238,815,000	0	13.4%	18.2%	0.0%
KCTCS	63,289,000	108,289,000	171,170,000	5.9%	8.3%	13.9%
Totals	\$ 1,081,691,000	\$ 1,308,664,000	\$ 1,232,713,000	100%	100%	100%



Kentucky Council on Postsecondary Education

Steven L. Beshear
Governor

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Robert L. King
President

July 25, 2011

The Honorable Melvin Henley
The Honorable Jack Westwood
Co-Chairs
Capital Planning Advisory Board
Capitol Annex, Room 36
Frankfort, KY 40601

Subject: 2012-2018 Statewide Capital Improvements Plan
Campus Technology

Dear Representative Henley and Senator Westwood:

The eight universities and the Kentucky Community and Technical College System (KCTCS) submitted technology-related projects for the *2012-2018 Statewide Capital Improvements Plan*. The Commonwealth Office of Technology and the Council on Postsecondary Education agreed that the Council would review the institutional projects and evaluate them according to established criteria.

The Council employed a model similar to that used by the COT in their evaluation of state agency projects—a business value/risk assessment that results in the designation of high value projects. The COT criteria were modified to recognize the CPE Strategic Agenda.

Based on the application of the revised criteria (attached) twelve of nineteen 2012-2014 IT projects requesting general revenue funds were designated as high value. A copy of the summary evaluation form also is attached.

The strong theme of the institutions projects is to replace an aging infrastructure. The useful life of technology infrastructure is about seven years. Budget cuts in recent years have put most institutions in the position of needing major upgrades to their data and phone infrastructure.

Of the nineteen projects submitted by the institutions, seventeen relate directly to campus networks and campus infrastructure. Increasing network speeds and systems for elearning seemed to be of special interest for this cycle of the capital improvements plan.

Sincerely,

Robert L. King
President

c: Shawn Bowen
John Hayek

Attachments

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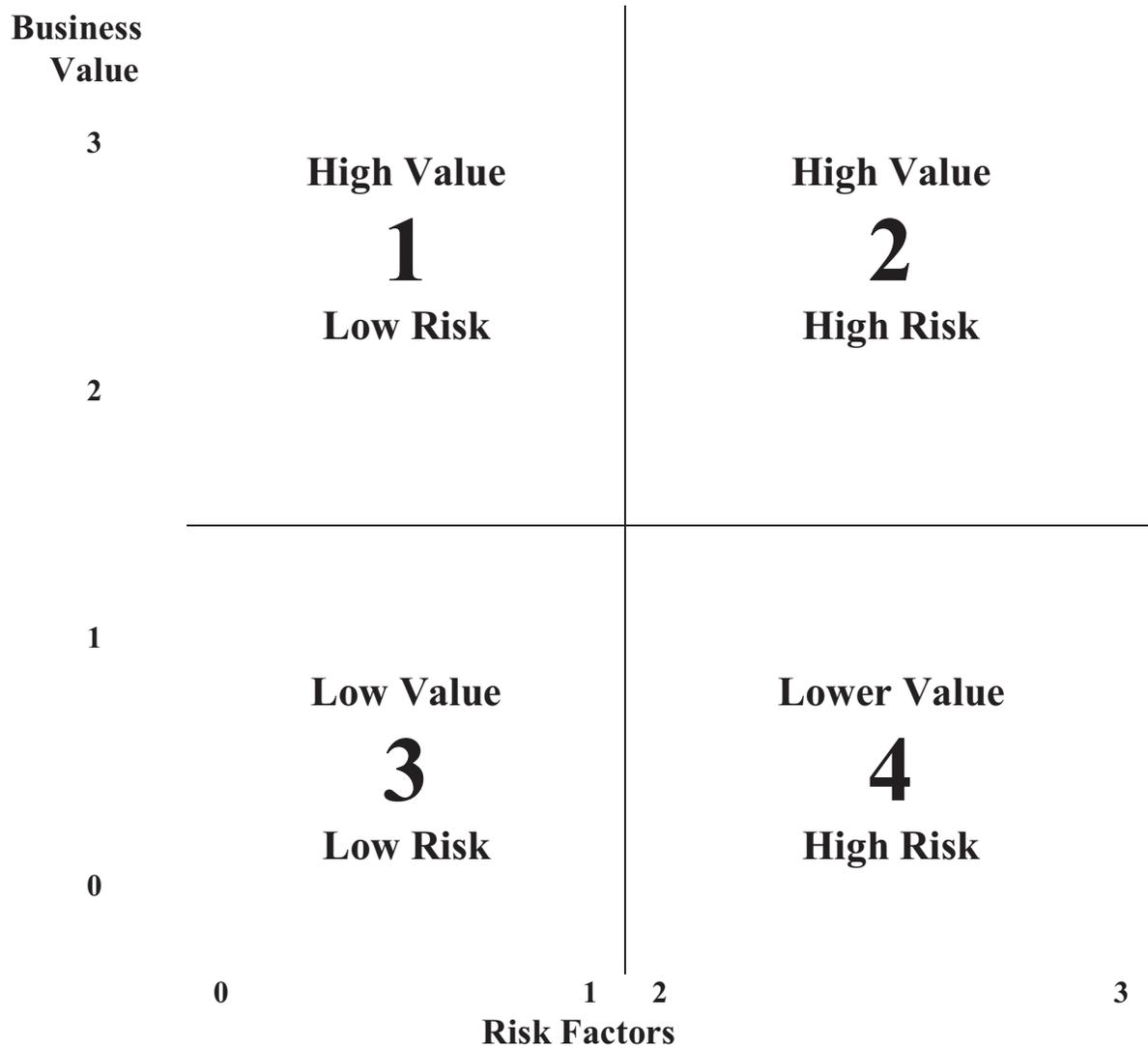
Each proposed information technology capital project will be evaluated against two sets of criteria: Business Value and Risk Factors. Project ranking will be assessed against each component on a scale of 0 to 3, with each assigned ranking being explicitly defined. An objective score will be derived based 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	Wt	Rating				Comments	Weighted Score
		0	1	2	3		
Alignment with the Council’s Strategic Agenda	5	Does not relate	Indirectly supports	Directly supports	Is a critical project		15
External Requirement	5	No external requirement		Indirect requirement	Direct		15
Efficiency, including opportunity for cost savings, revenue generation, or cost avoidance	4	None identified	Negligible or minimal opportunity	Significant opportunity expected; not quantified	Quantified, significant opportunity		12
Collaboration	3	None	Potential for some collaboration	Multi-university collaboration	Enterprise Project, with postsecondary education potential		9
Service Improvement	3	Some manual process still required	Automates existing processes	Re-engineers, then automates processes	Provides new services online to citizens or business		9
Funding Source	3	No non-state funding	Less than 25% non-state funding or no expiration date	> 25% and < 75% with an expiration date	75% or greater non-state funding with an expiration date		9
Positive Impact to other Projects	2	Project does not impact other projects	May support the success of other projects	Supports the success of other projects	Directly enables the successful completion of other projects		6
Scoring Weight	25					Subtotal	75

Risk Factors	Wt	0	1	2	3	Comments	Score
Compliance with Technology Standards	5	Fully compliant	Proposes emerging technology on the standards "horizon"	Proposes use of non-proven or immature technologies	Non-compliant		15
Project Cost	5	< 1M	1M to 5M	5M to 10M	> 10M		15
Implementati on Timeline	4	< 6 months	< 1year	> 1 year	> 2 years		12
Solution Definition	3	Solution is available on the market as COTS, turnkey, service, or replicated from another successful project	Solution is available on the market, with minor customization expected	Solution must be moderately customized	Solution must be written, developed, invented or significantly customized		9
Level of Complexity	2	Low	Medium	High	Difficult		6
Maintenance and Support Requirements	1	< 10%	< 15%	< 20%	> 20%		3
Scoring Weight	20					Subtotal	60

Project Value Ranking

Project value ranking will be determined by relating the Business Value to the Risk Factors of the proposed project. The total score in each category is divided by the total weighting (25) to derive axis placement.



Information Technology Initiatives
Statewide Capital Plan Priorities
General Fund 2012-14

2012-14 Modeling Estimate for this Category is \$87,816,000

Project Status/Institution/Project Name	General Funds	Other Funds	Total	2012-14 Inst. Priority	
EKU - Upgrade Academic Computing	\$2,900,000	\$2,000,000	\$4,900,000	#11	
EKU - Upgrade Administrative Computing System	3,150,000		3,150,000	#12	
EKU - Purchase Networked Educ System Component	6,950,000		6,950,000	#15	
HV EKU- Expand, Upgrade Campus Data Network	11,212,000	2,000,000	13,212,000	#16	\$24,212,000
HV KCTCS - Information Tech Infrastructure Upgrade	12,000,000		12,000,000	#34	12,000,000
HV KSU - Upgrade Information Technology Infrastructure	6,261,000		6,261,000	#7	
HV KSU - Upgrade Computers Campus Wide	1,208,000		1,208,000	#11	
KSU - Integrated Digital Campus	11,450,000		11,450,000	#13	
HV KSU - Expand Emergency Notification System	4,580,000		4,580,000	#18	23,499,000
HV MoSU - Enhance Network/Infrastructure Resources	5,945,000		5,945,000	#12	
HV MoSU - Enhance Library Automation Resources	1,169,000		1,169,000	#19	
HV MoSU - Upgrade and Expand Distance Learning	1,293,000		1,293,000	#21	
MoSU - Upgrade Administrative Office Systems	3,372,000		3,372,000	#23	
MoSU - Upgrade Instructional PCs/LANS/Peripherals	5,620,000		5,620,000	#24	17,399,000
HV MuSU - Upgrade Campus Phone and Data Network	4,078,000		4,078,000	#14	
HV MuSU - ITV Upgrade to Murray State University System	1,453,000		1,453,000	#21	
HV MuSU - Campus Desktop Virtualization	1,725,000		1,725,000	#28	
MuSU - Student Desktop Virtualization	1,150,000		1,150,000	#30	8,406,000
NKU - No General Fund IT Projects Identified			-		-
UK - No General Fund IT Projects Identified			-		-
UofL - No General Fund IT Projects Identified			-		-
HV WKU- Upgrade IT Infrastructure	2,300,000		2,300,000	#11	2,300,000
Total - IT Initiatives	\$87,816,000	\$4,000,000	\$91,816,000		

Notes:

- Items labeled HV are High Value projects.

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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Minority Whip

MEMORANDUM

To: Capital Planning Advisory Board

**From: Kristi Culpepper, Staff Administrator
Capital Projects and Bond Oversight**

Subject: Kentucky's Bonded Indebtedness

Date: August 26, 2011

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 the 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 3 factors that influence the cost of issuing new debt: the state's financial situation, debt structure, 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 3 primary credit rating agencies: Moody's Investors Service, Standard and Poor's (S&P), and Fitch Ratings.

Kentucky has a number of credit strengths and challenges. Revenues in the state's major operating funds have improved. The state has also used most of the fiscal year (FY) 2011 General Fund surplus to begin the process of replenishing reserves.

After several biennia of historically large debt authorizations, however, Kentucky's debt burden remains high relative to other states. The state has relied on non-recurring resources to balance budgets and has established a practice of using debt restructuring to achieve near-term budgetary relief with significant additional interest cost in later years. Finally, the state's already low pension funding levels are expected to decline further as the state incrementally approaches fully funding its actuarially required contribution. These factors contributed to Moody's and Fitch downgrading the state's credit ratings.

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; (3) maintaining adequate liquidity; and (4) issuing a manageable level of debt, taking into consideration the state's other long-term commitments. These practices communicate a state's willingness to meet its obligations and improve the state's ability to maintain sufficient funds to do so.

Enacting a Structurally Balanced Budget

Enacting a structurally balanced budget communicates financial 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.¹

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

¹ Standard and Poor's, *US State Ratings Methodology*, January 3, 2011.

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 and federal aid to states, will not be available in the future to address recurring expenditures 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.

Current Fiscal Environment. States have closed nearly \$230 billion in budget gaps from FY 2009 through FY 2011 due to declining revenue collections and increased demand for services during the recession. In FY 2011, 23 states enacted mid-year budget cuts totaling \$7.8 billion. While nearly half of the states were affected by mid-year budget gaps, this figure represents an improvement over prior fiscal years. In FY 2010, 39 states enacted \$18.3 billion in mid-year cuts. In FY 2009, 43 states enacted \$31.3 billion of mid-year cuts.²

Federal aid to states has been the largest resource in offsetting budget gaps during this period. According to the National Association of State Budget Directors (NASBO),

Over the past 3 years, states were able to make use of \$135 billion in flexible emergency funding that was provided through [the American Recovery and Reinvestment Act, or ARRA]. Spending from these funds peaked in fiscal 2010 at \$60.7 billion and then fell slightly to \$51.0 billion in fiscal 2011. However, fiscal 2012 will see states make use of only \$2.8 billion due to the wind down of funds that were distributed through increases in [Federal Medical Assistance Percentage] rates as well as the State Fiscal Stabilization Fund.³

States are expected to remain in a challenging fiscal environment as high unemployment and low consumer spending limit revenue growth and demand for public services remains elevated.

Kentucky's Structural Imbalance. Kentucky state government spent a total of \$2.99 billion of ARRA funds in FY 2010 and FY 2011. \$1.90 billion of these funds were used to balance the state budget through the enhanced match for Medicaid and State Fiscal Stabilization Funds. Another \$1.04 billion of ARRA funds were distributed through state government by formula, with the largest spending in transportation, K-12 education, and health and human services. Finally, \$45.8 million was distributed through competitive awards. Approximately 92.2 percent of these funds had been expended through June 30, 2011.⁴

Table 1 compares the state's use of non-recurring resources in FY 2010 (actual) and FY 2012 (budgeted). The General Fund had a structural imbalance of over \$1 billion in FY 2010, mostly

² National Association of State Budget Officers, *Fiscal Survey of States*, Spring 2011.

³ Ibid.

⁴ Office of the State Budget Director, *FY 2011 Year-End Financial Report - Presentation to the Interim Joint Committee on Appropriations and Revenue*, June 28, 2011.

due to the use of ARRA funding. The structural imbalance has been reduced to \$417.8 million for FY 2012.

**Table 1: Structural Imbalance of the General Fund,
FY 2010 and FY 2012 (\$ millions)**

Non-Recurring Resources or Expenditure Deferrals	FY 2010 Revised	FY 2012 HB 1
Beginning Balance	39.5	133.1
ARRA-General Fund Replacement:		
State Fiscal Stabilization Fund	383.2	
Medicaid	329.3	
Debt Restructuring	167.5	130.0
Fund Transfers > \$40 Million	123.0	82.7
Defer Final FY 2012 Payroll		72.0
Total	1,042.5	417.8

Source: Office of the State Budget Director. FY 2012 figures reflect 2011 Extraordinary Session HB 1.

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 recurring state own-source revenues.”⁵

Table 2 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 revenue.

⁵ Fitch Ratings, *US State Government Tax Supported Rating Criteria*, October 8, 2010.

**Table 2: Budget Reserve Trust Fund
 Deposits, Withdrawals, and Fiscal Year-End 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	121,772,555			

Source: Correspondence from the Office of the State Budget Director; 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 FB 2000-02, the BRTF had reached a balance of \$278.6 million, which was equal to 4.1 percent of revenues at the time. The BRTF was used in its entirety to offset budget reductions during that biennium.

3 deposits were made from General Fund surpluses in fiscal years 2006, 2007, and 2009. The fund was depleted again to offset budget reductions due to the recent economic downturn. Moody's and Fitch both cited the depletion of reserves as a factor contributing to their downgrades of Kentucky's credit ratings. Kentucky's use of its rainy day fund during this period was not unique, however. According to NASBO, 20 states had rainy day fund balances below \$10 million during FY 2011.⁶

At the beginning of FY 2012, the state made a \$121.8 million deposit to the fund from the FY 2011 General Fund surplus, as directed in the General Fund Surplus Expenditure Plan in 2010 Extraordinary Session HB 1. While the fund has previously had higher balances and remains short of the goal established in statute, this represents the single largest deposit that has been made to the fund in the fund's history.

⁶ National Association of State Budget Directors, *Fiscal Survey of the States*, Spring 2011.

The rating agencies will likely view using the FY 2011 surplus to make a deposit to the BRTF positively. However, it is worth noting that credit analysts do not regard annual surpluses as a type of financial cushion in themselves, as they are often appropriated for operations or special purposes.⁷

Maintaining Adequate Liquidity

Due to revenue volatility and uncertainty in the capital markets, the rating agencies now assign a higher priority to the state's liquidity as they evaluate the state's overall creditworthiness.⁸ Liquidity refers to the state's cash position and whether the 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 worst 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 occasions 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. Kentucky issued Tax and Revenue Anticipation Notes (TRANs) to finance the state's cash flow requirements from FY 1998 through FY 2009. The state did not issue TRANs for FY 2010 and FY 2011 because reinvestment yields would not be higher than the cost of funds for the notes.⁹

For FY 2010 and FY 2011, the state has been able to borrow internally through its investment pools. Kentucky's investment portfolio is divided into two pools: (1) the Short-Term Pool, which is highly liquid and composed of money market-type instruments, such as overnight repurchase agreements, commercial paper, money market mutual funds, and floating rate notes; and (2) the Intermediate-Term Pool, which is less liquid and holds longer maturity, fixed rate bonds.¹⁰

Figure 1 shows the state's daily liquidity position from July 2008 to July 2011.

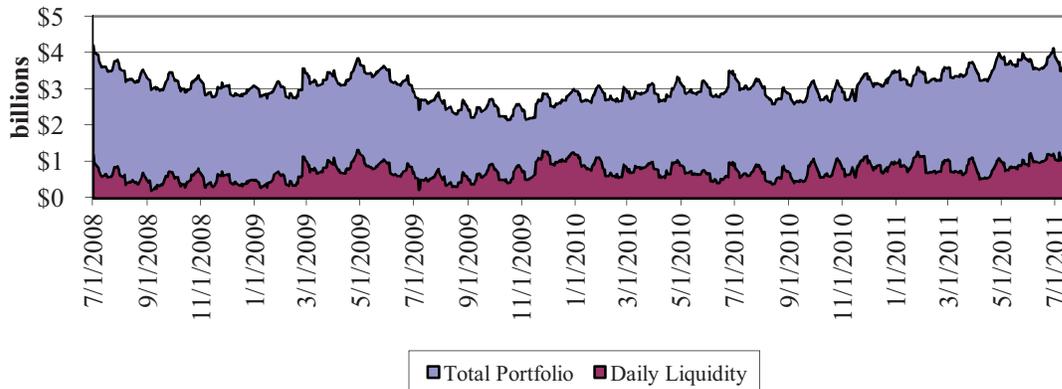
⁷ Fitch Ratings, *US State Government Tax Supported Rating Criteria*, October 8, 2010.

⁸ Information from staff discussions with Moody's, S&P, and Fitch credit analysts.

⁹ Finance and Administration Cabinet, *Semi-Annual Report of the Kentucky Asset/Liability Commission for the period ending December 31, 2010*.

¹⁰ In the past, the state had a separate Bond Proceeds Pool, but this was merged with the Intermediate-Term Pool.

Figure 1: Daily Liquidity



Source: Office of Financial Management.

The state tends to have roughly \$1 billion of cash available on a daily basis. The periodic dips in the state’s daily liquidity occur when the state has to make Support Education Excellence in Kentucky (SEEK) payments to local school districts or has to make payroll. Although the rating agencies do not consider Kentucky to be in the strongest cash position, the fact that Kentucky has sufficient funds available to borrow internally is viewed positively.

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 2000 and projects what the balance will be in FY 2012. (A brief overview of the types of debt issued at the state level in Kentucky and the various debt-issuing authorities may be found in **Appendix A** of this memorandum.)

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 2012; and (2) account for the restructuring of General and Road Fund-supported debt for budgetary relief.

The projected debt balances do not include Grant Anticipation Revenue Vehicle (GARVEE) debt authorized to finance interstate improvements, for which the debt service is paid from future federal highway funds. The estimated principal outstanding for GARVEE bonds at the end of FY 2012 is \$377.9 million. There is also currently \$566 million of GARVEE debt that has been authorized but not yet issued.

The projected debt balances also do not include agency bonds authorized for the Kentucky Infrastructure Authority (KIA) in 2008 HB 406 (2008-10 Executive Budget), which have already been issued, and in 2010 Extraordinary Session HB 1 (2010-12 Executive Budget), which have not yet been issued. These bonds are supported by loan repayments from KIA’s revolving loan

programs. The estimated principal outstanding for KIA agency bonds at the end of FY 2012 is \$197.1 million. There is also currently \$125 million of KIA agency debt that has been authorized but not yet issued.

Table 3: Appropriation-Supported Debt, FY 2000 to FY 2012 (\$000's)

	Actual Debt Balance 6/30/2000	Actual Debt Balance 6/30/2002	Actual Debt Balance 6/30/2004	Actual Debt Balance 6/30/2006	Actual Debt Balance 6/30/2008	Actual Debt Balance 6/30/2010	Projected Debt Balance 6/30/2012
Authorities							
State Property and Buildings Commission and Asset/Liability Commission	1,374,246	2,251,738	2,430,418	2,677,478	4,084,955	4,912,325	5,651,995
Turnpike Authority	922,163	890,974	672,693	941,576	734,026	1,252,870	1,859,680
School Facilities Construction Commission	610,940	602,608	675,087	730,978	835,360	798,526	964,592
Kentucky Infrastructure Authority	107,245	161,355	154,205	132,285	108,355	80,840	59,470
Subtotal	3,014,594	3,906,675	3,932,403	4,482,317	5,762,696	7,044,561	8,132,811
Universities (General Fund Supported Debt)							
EKU	40,610	32,745	17,425	10,390	5,360	1,515	
KCTCS	82,505	67,695					
KSU	12,720	10,185	6,665	4,315	2,690	935	
MoSU	12,770	10,785	9,995	7,665	5,530	3,660	1,650
MuSU	12,420	9,755	6,905	3,535	1,395	720	
NKU	44,710	34,140	26,215	17,695	10,840	5,800	955
UK	100,575	46,205	31,875	18,020	9,140	2,625	
UL	112,915	96,675	83,855	62,155	43,860	28,930	13,450
WKU	25,990	20,705	16,000	10,220	5,005	1,045	
Subtotal	445,215	328,890	198,935	133,995	83,820	45,230	16,055
Total Authorities and General Fund Debt	3,459,809	4,235,565	4,131,338	4,616,312	5,846,516	7,089,791	8,148,866
Agency Fund Supported Debt							
EKU	9,660	14,665	31,290	26,760	26,615	33,880	79,435
KSU	4,475	3,595	2,605	1,875	5,535	4,875	4,165
MoSU	16,930	19,615	21,065	17,820	18,320	49,695	80,242
MuSU	10,222	10,177	11,222	25,705	38,950	43,360	57,083
NKU	4,115	6,900	15,690	14,210	80,750	80,380	126,070
UK	37,566	120,516	205,575	202,310	136,765	251,485	380,330
UL	14,190	12,895	42,865	41,900	77,455	152,480	215,969
WKU			21,880	20,160	69,275	109,385	133,090
KRA							19,200
Total Agency Debt	97,158	188,363	352,192	350,740	453,665	725,540	1,095,584
Total Appropriation Supported Debt	3,556,967	4,423,928	4,483,530	4,967,052	6,300,181	7,815,331	9,647,375

Source and Notes: All balances for FY 2000 to 2010 are from the Commonwealth of Kentucky *Supplement to the Comprehensive Annual Report*. Figures for FY 2012 are staff projections.

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 FB1984-86, including the current biennium. The amount of debt authorized by the legislature steadily decreased throughout the 1980s. Authorized debt then more than tripled at the beginning of the 1990s, exceeding \$1 billion. Authorized debt remained at nearly half that level for the next 3 biennia. In FB 1998-00, the amount of new debt authorized once again exceeded \$1 billion. For each of the past four biennia, the General Assembly has authorized close to or above \$2 billion in new debt.

**Table 4: New Appropriation-Supported Debt
 Authorized 1984-2012**

Fiscal Biennium	New Debt Authorized (\$)
1984-86	535,929,000
1986-88	494,721,100
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	1,091,928,000
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	1,549,199,000

Source: *2010-2012 Budget In Brief*. Excludes debt authorized in 2010 Regular Session HB 531.

A similar trend played out in the municipal bond market from calendar year (CY) 2005 through 2010. 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.¹¹

New issuance for the first six months of CY 2011, however, was \$117.1 billion—the lowest volume in the past decade. Municipal bond underwriting firms have revised their estimates for total CY 2011 issuance to approximately \$230 billion on average.¹² While the expiration of the BAB program likely made some governments access the market ahead of when they had originally planned, governments are borrowing significantly less money for projects this year than they have in the past.

¹¹ Thomson Reuters data.

¹² *Bond Buyer, 2011 Mid-Year Statistical Review*, August 15, 2011.

Authorized but Unissued Debt

Table 5 provides the amount of debt that has been authorized by the General Assembly but has not yet been issued. KIA agency bonds are included in the Agency Fund total.

Table 5: Authorized But Unissued Debt

Authorization	Amount
General Fund	
2005 Regular Session	22,000,000
2006 Regular Session	30,000,000
2007 2 nd Extraordinary Session	95,000,000
2008 Regular Session	25,100,000
2009 Regular Session	3,311,040
2010 Extraordinary Session	322,292,214
Subtotal	497,703,254
Agency Fund	
2006 Regular Session	19,200,000
2008 Regular Session	21,000,000
2010 Extraordinary Session	441,943,530
Subtotal	482,143,530
Road Fund	
2009 Regular Session	200,000,000
2010 Extraordinary Session	466,500,000
Subtotal	666,500,000
Total Authorized But Unissued Debt	1,646,346,784

Source: Includes new debt authorized/reauthorized in regular and extraordinary sessions of the General Assembly.

Debt Restructurings

Since October 2008, the state has restructured outstanding General Fund and Road Fund-supported debt through six transactions for the purpose of providing budgetary relief. These transactions include the State Property and Buildings Commission (SPBC) Project No. 90, 93, 95, 98, and 100 bond issues and the Turnpike Authority of Kentucky (TAK) 2010 Series A bond issue.

These debt restructurings are 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 issued at a lower interest rate and thus realize a positive net present value savings. With the debt restructurings, however, the state is extending 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.¹³ While this reduces the state’s required debt service payments during the current fiscal biennium, the state will be paying additional interest on the debt over the life of the bonds.

**Table 6: 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)
Totals	(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 6 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 the principal due has been pushed out into later years.

Because of these restructurings, the state has not had to make \$427.7 million in debt service payments from FY 2009 to FY 2012. However, in order to achieve this cash flow savings—which is a one-time budgetary resource—the state will have to pay an additional \$171.6 million in interest over the life of the bonds.¹⁴

¹³ Municipal bonds are typically serial bonds, meaning that they are scheduled to be repaid in pre-determined installments. The bonds have serial maturity dates (the installments) and a final maturity date (when the debt is fully repaid). Other kinds of bonds, like corporate bonds, use a term structure with a single maturity.

¹⁴ Approximately \$104.6 million of the additional cost associated with the debt restructurings falls in FY 2022 due to the structure of SPBC Project No. 98. Apart from the restructuring, the transaction provided new money for only one project – Kentucky Human Resource Information System for \$22.9 million. Due to the nature of the project the life of the original bonds.

Table 7 shows the cash flow savings and additional interest cost associated with the state’s Road Fund-supported debt restructuring. Because of this restructuring, the state did not have to make \$81.4 million of debt service payments during FY 2010, but the state will have to pay an additional \$9.6 million in interest over the life of the bonds.

**Table 7: 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.

Both 2008 HB 406 (2008-10 Executive Budget) and 2010 Extraordinary Session HB 1 (2010-12 Executive Budget) were predicated on some amount of restructuring. **Table 8** shows the amount of debt that the General Assembly assumed would be restructured in each budget bill.

Table 8: Budgeted Debt Restructurings (\$)

	Budgeted FY 2009	Budgeted FY 2010	Budgeted FY 2011	Budgeted FY 2012
General Fund	50,000,000	50,000,000	72,853,800	130,000,000
Road Fund	0	60,000,000	52,000,000	53,000,000

Source: Legislative Research Commission, Office of Budget Review. 2008 HB 406 (2008-10 Executive Budget) and 2010 Extraordinary Session HB 1 (2010-12 Executive Budget).

The General Assembly amended the 2010-12 Executive Budget in 2011 Extraordinary Session HB 1 to limit the amount of General Fund debt restructuring within the biennium to \$202,853,800, the amount on which the budget was predicated. This action was a response to the administration’s decision in FY 2011 to restructure \$139,828,140 of General Fund-supported debt, which was in excess of the amount the General Assembly assumed by approximately \$67 million. The governor vetoed the amendments.¹⁵

In 2011 Extraordinary Session HB 1, the General Assembly also amended the Transportation Cabinet’s operating budget to prohibit debt restructuring in FY 2011. This prevented a second TAK restructuring transaction that was scheduled to be sold in April 2011. This transaction

¹⁵ 2011 Extraordinary Session HB 1 Veto Message, Veto 7.

would have restructured \$32.5 million of Road Fund-supported bonds at an estimated additional cost of \$10.8 million over the life of the bonds. The bill also amended the budget to prohibit restructuring beyond \$53 million in FY 2012. The governor vetoed the language provisions prohibiting and restricting restructuring in both fiscal years. However, a corresponding amendment to the cabinet's FY 2011 debt service appropriation in the bill was not vetoed because the increase in the appropriation, anticipated to come from Road Fund receipts, made the restructuring unnecessary.¹⁶

Both Moody's and Fitch have cited Kentucky's use of debt restructurings as a one-time resource for balancing the budget that has contributed to the state's structural imbalance.¹⁷

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 the state's revenues and its ability to collect revenues. There are 3 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, and (3) debt as a percent of personal income.

Debt as a Percent of Revenues

Debt service is the sum of the principal and interest payments that the state is required to make to bondholders in the course of a 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 a General, Agency, and Road Fund-supported debt service of 6 percent of total revenues represents a reasonable debt burden. Although the rating agencies use their own proprietary criteria for determining whether an issuer's debt burden is manageable, they have indicated that they expect Kentucky to stay within the level policymakers have established.

This memorandum examines the state's debt as a percent of revenues under two scenarios: (1) using current market rates, and (2) using current market rates plus the cost of the state's credit ratings being downgraded to the "A" level with a stable outlook from all 3 credit rating agencies.¹⁸

¹⁶ Ibid., Veto 8.

¹⁷ Moody's Investors Service, *Moody's Downgrades Commonwealth of Kentucky's General Obligation Issuer Rating to Aa2 from Aa1, General Fund and Related Lease Obligation Debt to Aa3 from Aa2 and Moral Obligation Debt to A1 from Aa3; Outlook Remains Negative*, March 30, 2011. Fitch Ratings, *Fitch Rates Kentucky SPBC's \$362MM Project 100 Revenue Bonds 'AA-',* June 10, 2011.

The current market rate scenario assumes that the state's authorized but unissued debt is issued either on a tax-exempt basis with an interest rate of 2.85 percent at 10 years and 4.25 percent at 20 years, or on a taxable basis with an interest rate of 4.50 percent at 10 years and 5.50 percent at 20 years. The scenario factoring in a downgrade assumes that the state's authorized but unissued debt is issued either on a tax-exempt basis with an interest rate of 3.15 percent at 10 years and 4.55 percent at 20 years, or on a taxable basis with an interest rate of 5.00 percent at 10 years and 6.00 percent at 20 years.

General and Road Fund revenues are based on the planning estimates that the Consensus Forecasting Group (CFG) adopted on August 4, 2011. Agency Fund revenues are based on actual FY 2011 receipts and assume no growth. **Appendix B** of this report provides additional information on the revenue estimates.

Table 9 shows the state's appropriation supported debt service as a percent of General, Agency, and Road Fund revenues at the end of each fiscal biennium since 1992 and projected for FY 2012 using current market rates and current market rates factoring in a downgrade.¹⁹

¹⁸ Traditionally, the ratio of debt service to revenues has been calculated based on the assumption that all authorized but unissued debt would be issued at the template interest rate. The template interest rate is the interest rate that budget staff uses in determining the amount of debt service that should be appropriated for new and reauthorized debt in budget bills. This rate is typically set above market interest rates to account for fluctuations in interest rates between the time the budget bill is enacted and when the authorized bonds are ultimately issued. The template interest rate has been omitted from this memorandum because the rate was last updated in December 2009. The latest version of the template rate assumes interest rates of 6.75 percent at 10 years and 7.00 percent at 20 years, which would likely overstate the state's debt burden significantly.

¹⁹ This is an aggregate figure. If the ratio were calculated separately for General, Agency, and Road Fund supported debt, it would be 5.36, 3.04, and 11.19 percent, respectively, at current market rates.

**Table 9: Appropriation-Supported Debt Service
 As a Percent of Total Revenues 1992-2012**

Fiscal Biennium	Percent
1992	6.10
1994	5.80
1996	5.60
1998	5.30
2000	5.90
2002	5.25
2004	5.61
2006	5.80
2008	4.82
2010	3.08
2012 (current market rates)	5.24
2012 (with downgrade)	5.26

Source: 1998-2010 Commonwealth of Kentucky, *Comprehensive Annual Financial Reports and Supplements*. Staff calculations.

For the purposes of this report, debt service calculations are net of the subsidies received for bonds issued under the BAB program and other ARRA initiatives.²⁰ BAB subsidies are commitments of the federal government and subject to federal appropriation. During debate over the federal debt ceiling, market participants expressed some concern that these payments were at risk of non-appropriation. The General Assembly appropriates gross debt service amounts to ensure that Kentucky’s BABs are not at risk of default in this event. If the federal government were not to honor its commitment, this would be akin to the state losing a source of revenue.

At current market rates, the state is projected to have \$785.8 million in appropriation-supported debt service and a ratio of debt service to revenue of 5.24 percent. When pricing in a downgrade in the state’s credit ratings, the state is projected to have \$789.1 million in appropriation-supported debt service and a ratio of debt service to revenue of 5.26 percent.

While these ratios imply that policymakers could authorize additional debt and remain below the 6 percent benchmark, it is important to note that the ratios are low in large part because the state has restructured outstanding debt, with repayment of the debt weighted in later maturities. The state’s required annual debt service payments will escalate between now and FY 2022.

²⁰ The federal stimulus legislation authorized state and local government agencies to issue an unlimited amount of taxable BABs through calendar year 2010. The issuer could elect to issue the bonds either as tax credit bonds or as taxable bonds with a 35 percent federal subsidy on the interest cost of the bonds. The subsidy offset the higher interest rate on the bonds due to the bonds being issued on taxable basis. (Municipal bonds are typically issued on a tax-exempt basis, meaning that the interest income on the bonds is exempt from federal taxation. In consideration of the tax advantage, investors are willing to accept a lower yield on the bonds, which reduces the issuer’s interest cost.) The purpose of the BAB program was to increase demand for municipal bonds following the financial crisis by opening the market up to investors that would not ordinarily invest in municipal bonds because they do not need the tax advantages (such as pension funds and foreign investors).

Debt Per Capita

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 and debt as a percent of personal income as indicators of whether a state is issuing a manageable level of debt. Both of these measures convey important information regarding how a state's debt burden has changed with respect to its tax base.

In its publication, *2010 State Debt Medians*, Moody's offers statistics including states' net tax-supported debt per capita and as a percent of personal income. **Appendix C** shows these indicators for Kentucky and the national medians for CY 2010. (Moody's offers these calculations on a calendar year basis; staff calculations are provided on a fiscal year basis.) Moody's credit analysts have mentioned these indicators in their ratings of debt issues to explain that Kentucky has a high debt burden relative to other states.

Kentucky ranks 13th in the nation in net tax-supported debt per capita at \$1,685. Most states with higher ratings have less outstanding debt per capita than Kentucky. The average debt per capita is shown to be \$1,297 and the median is \$936.²¹

Table 10 shows the total appropriation-supported debt per capita from FB 1992 through the current and next biennia (projected). Debt per capita was at its lowest level in FB 1998-00, before the legislature authorized more than \$1 billion in new debt. With four biennia of historically large debt authorizations, Kentucky is projected to have its highest debt per capita, \$2,236 in the next fiscal biennium.

²¹ Moody's Investors Service, *2010 State Debt Medians*, May 2010.

**Table 10: Appropriation-Supported Debt
 Per Capita 1992-2014 (projected)**

Fiscal Biennium	Debt Per Capita
1992	\$942
1994	\$990
1996	\$973
1998	\$873
2000	\$880
2002	\$1,094
2004	\$1,081
2006	\$1,181
2008	\$1,476
2010	\$1,812
2012 (projected)	\$2,236

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

Debt as a Percent of Personal Income

According to Moody’s, Kentucky ranks 8th in the nation with respect to net tax-supported debt as a percent of 2008 personal income at 5.4 percent. Kentucky is above the national average of 3.2 percent and median of 2.5 percent for this indicator.²²

Table 11 shows debt as a percent of personal income, with projections based on the state’s 2010 personal income. Moody’s advises a “low-to-moderate burden of long-term tax supported debt, generally not exceeding 6 percent of personal income.”²³

The state has remained below 6 percent since 1996, but is expected to exceed that benchmark in FY 2012.

²² Moody’s Investors Service, 2010 *State Debt Medians*, May 2010.

²³ Moody’s Investors Service, *State Rating Methodology*, November 2004.

**Table 11: Appropriation-Supported
Debt as a Percent of Personal Income 1992-2014 (projected)**

Fiscal Biennium	Percent
1992	6.30
1994	6.00
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 (projected)	6.67

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

Other Long-Term Obligations

Kentucky has some significant long-term financial commitments that are similar to the state’s bonded debt in the sense that they contribute to the state’s recurring expenditures. Although these obligations are not included in the calculations of the debt indicators discussed above, they do affect the state’s capacity to issue additional bonds to the extent that, as they increase in scope, they may begin to compete with the bonds’ annual debt service payments as a budgetary priority. These obligations are also considered by market participants when evaluating Kentucky’s overall creditworthiness.

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).²⁴ 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.

²⁴ The other state administered retirement plans include the County Employees Retirement System, State Police Retirement System, Legislators Retirement Plan, and Judicial Retirement Plan.

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 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.)

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 2008, the General Assembly passed legislation establishing a funding policy for KERS and the State Police Retirement System (SPRS) that requires that an increasing percentage of the actuarially required contribution be paid each year until the full amount is paid in FY 2025. **Table 12** shows the percentage of the actuarially required contribution that must be paid each year.

**Table 12: 2008 Extraordinary Session HB 1 Funding Policy for KERS and SPRS
Percentage of Actuarially Required Contribution to be Paid by Fiscal Biennium**

Fiscal Year	KERS Non-Hazardous	KERS Hazardous	SPRS
2011	44%	79%	65%
2012	48%	83%	70%
2013	53%	86%	75%
2014	57%	89%	80%
2015	61%	92%	85%
2016	65%	95%	90%
2017	69%	98%	95%
2018	73%	100%	98%
2019	77%		100%
2020	81%		
2021	85%		
2022	89%		
2023	93%		
2024	97%		
2025	100%		

Source: 2008 Extraordinary Session HB 1.

Pension funding will have a greater impact on the state’s future fiscal operations as the state incrementally makes higher percentage payments of the actuarially required contribution.

Evaluating the Financial Health of the Plan. 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 13 shows the unfunded liabilities and funding ratios for the KERS (Non-Hazardous and Hazardous) and KTRS plans as of June 30, 2010.

Table 13: KERS and KTRS Unfunded Liabilities and Funding Ratios

	KERS Non-Hazardous	KERS Hazardous	KTRS
Pension Fund			
Actuarial liability (\$ billions)	11.005	0.688	24.344
Actuarial value of assets (\$ billions)	4.210	0.503	14.851
Unfunded liability (actuarial liability minus actuarial assets)	(6.795)	(0.185)	(9.493)
Funding level (actuarial assets divided by actuarial liability)	38.3%	73.1%	61.0%
Insurance Fund			
Actuarial liability (\$ billions)	4.466	0.493	3.207
Actuarial value of assets (\$ billions)	0.471	0.314	0.241
Unfunded liability (actuarial liability minus actuarial assets)	(3.995)	(0.179)	(2.966)
Funding level (actuarial assets divided by actuarial liability)	10.6%	63.7%	7.5%

Source: KRS and KTRS *Comprehensive Annual Financial Reports*, 2010.

Effect of Pension Funding on Kentucky’s Credit Ratings. One of the main drivers of Moody’s and Fitch’s downgrades of Kentucky’s credit ratings was the state’s weak and declining pension system funding. As the state’s perceived creditworthiness declines, it becomes more expensive for the state to issue additional bonds.

Pension funding has received more attention from market participants in recent years. Moody’s, S&P, and Fitch have all published special reports comparing state pension systems. In its March 2011 report, *US States’ Pension Funded Ratios Drift Downward*, S&P explains:

*Under our criteria ... our ratings on US state debt consider a state’s debt and liability profile as one of the 5 major factors that determine a state’s rating. Within this factor, debt, pension liabilities, and other post-employment benefits are the key metrics which we score individually. Because pension and retiree health benefits are long-term obligations that must be funded over time, the size and management of these liabilities are weighted equally with debt in our analysis.*²⁵

In Moody’s January 2011 report, *Combining Debt and Pension Liabilities of US States Enhances Comparability*, the rating agency recalculated its debt indicators with states’ net tax-supported debt and pension liabilities combined. **Table 14** shows these indicators (and others) for Kentucky and how Kentucky compares to other states in these measures.

²⁵ Standard and Poor’s Ratings Direct, *US States’ Pension Funded Ratios Drift Downward*, March 31, 2011.

Table 14: Recalculating Debt Indicators with Pension Liabilities and Long-Term Debt Combined

Debt Indicator	Measure	Kentucky's Rank Nationally
Pension Liabilities and Debt as a Percent of Revenues	223.0%	7 th
Pension Liabilities and Debt Per Capita	\$5,143	8 th
Pension Liabilities and Debt to State Gross Domestic Product	14.2%	6 th
Pension Liabilities and Debt to Personal Income	21.2%	6 th

Source: Moody's Investors Service, *Combining Debt and Pension Liabilities of US States Enhances Comparability*.

The full list of states may be found in **Appendix D** of this report. It is important to note, as a corollary to the earlier discussion regarding actuarial analysis, that states use different assumptions in their retirement plan valuations and are able to use different actuarial cost methods. Moody's did not make adjustments for these differences in its calculations. Moody's also expects to revise its data in the future to account for states that participate in cost-sharing, multi-employer plans involving local government units.

To improve comparability among states, Fitch used standardized investment return and asset valuation scenarios in its February 2011 report, *Enhancing the Analysis of US State and Local Government Pension Obligations*. Fitch used a 7 percent investment return assumption (which, as noted above, is different than the assumptions KERS and KTRS use) and eliminated the differences in smoothing methods by calculating retirement systems' funded ratios over a rolling 5-year average of the market value of the plan's assets.

Using the plans' 2009 actuarial valuations and the rating agencies' own assumptions, Fitch calculates KERS's (Non-Hazardous) funded ratio at 41.6 percent and KTRS's at 60.3 percent. (The plans' funded ratios have declined since the 2009 valuation.) To put these figures into context, Fitch notes that the rating agency "generally considers a funded ratio of 70 percent or above to be adequate and less than 60 percent to be weak."²⁶

Fitch's report also included Kentucky as a case study in a discussion of states that have undertaken pension reforms but remain some of the more challenged systems nationally. According to Fitch:

The funding of Kentucky's employees retirement system is weak, although, unlike the situation in Illinois, the funding of its teachers system is meaningfully stronger. Funded ratios have shown a steady and steep decline as annual payments have been well below actuarially required levels. Kentucky has enacted some pension reforms, requiring more years of service and a higher retirement age for certain workers, which are expected to slow the growth of the state's unfunded pension liability. However, the reform included a

²⁶ Fitch Ratings, *Enhancing the Analysis of US State and Local Government Pension Obligations*, February 17, 2011.

schedule that does not reach full funding of the [actuarial required contribution] for the main employees retirement system until 2025.²⁷

Administrative Office of the Courts (AOC) Projects. Since the 1980s, the construction, expansion, and renovation of AOC court facilities has been financed through lease-supported debt issued by a local government public property corporation. The bonds are secured by a lease agreement with the municipality, which then subleases up to 100 percent of the facility to AOC. Although AOC participates in paying for the facilities, the municipality has sole responsibility for the debt service payments on the bonds.

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 court facilities projects and appropriates funds for AOC's use and operating cost allowance payments in the same manner that it does for the other projects financed with lease appropriation-supported bonds. These projects are a recurring expenditure for the state. To date, \$1.06 billion (par amount) of bonds have been issued for these projects. As of August 2011, there is \$850.8 million of court facility project principal outstanding. AOC's committed maximum FY 2012 use allowance is \$80.9 million.

While the state excludes AOC court facilities debt when comparing appropriation-supported debt service to revenues (i.e., the 6 percent benchmark), Moody's includes court facilities debt in its analysis of the state's debt burden.²⁸

Economic Factors Affecting Debt Affordability

Economic analysis is important in considering a state's debt burden because it provides information about the state's tax base, whether the state's revenues will be increasing or decreasing, and whether the state may have above-average susceptibility to economic downturns. All of these factors will impact the state's ability to honor its long-term obligations.

According to the National Bureau of Economic Research, the recession that began in December 2007 ended in June 2009.²⁹ Consistent with the national economic recovery, total state tax collections have demonstrated 5 consecutive quarters of growth, after 5 consecutive quarters of decline.³⁰

Revenue performance in Kentucky's two major operating funds also improved in FY 2011, with both General and Road Fund revenues surpassing 2008 levels. FY 2011 General Fund revenues

²⁷ Ibid.

²⁸ Moody's also includes \$150 million of bonds issued by the Lexington-Fayette Urban County Government Public Facilities Corporation in 2011 for the Eastern State Hospital Project. These bonds are secured by lease rental payments from the Finance and Administration Cabinet.

²⁹ National Bureau of Economic Research, *Announcement of June 2009 Business Cycle Trough*, September 20, 2010.

³⁰ Rockefeller Institute of Government (State University of New York), *State Revenue Report No. 84*, July 2011.

totaled \$8.76 billion, compared to \$8.66 billion in FY 2008. General Fund revenue growth was primarily driven by individual income, corporation, limited liability entity, and coal severance taxes.

FY 2011 Road Fund revenues totaled \$1.34 billion, compared to \$1.26 billion in FY 2008. Road Fund revenue growth was primarily driven by motor fuels and motor vehicle usage taxes.

Collections for Kentucky’s 5 major taxes (accounting for 78 percent of General and Road Fund tax receipts) have performed better than the median for all states over the past 5 years, according to discussion at the August 4, 2011, CFG meeting. **Table 15** shows the revenue growth in these taxes compared to the US median and Kentucky’s rank out of the states that levy each tax.

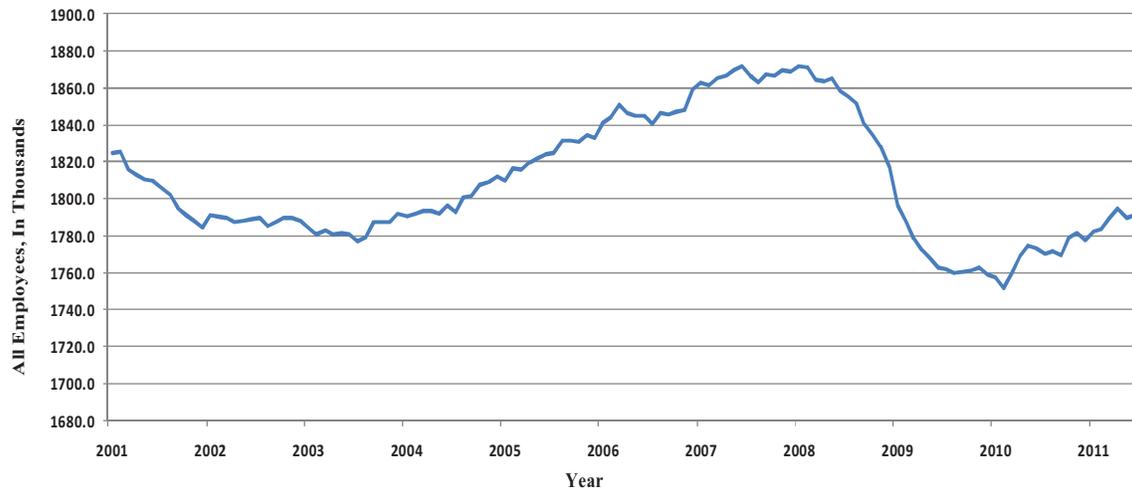
Table 15: Growth in Primary Revenue Sources From 2006 to 2010

Tax	Kentucky	US Median	Kentucky’s Rank
Individual Income Taxes	8%	-5%	7 out of 43
General Sales and Gross Receipts	2%	-3%	17 out of 45
Tobacco Products	55%	2%	10 out of 50
Severance Taxes	13%	3%	15 out of 35
Motor Fuel Sales Taxes	23%	-2%	2 out of 50

Source: Consensus Forecasting Group presentation, August 4, 2011.

Figure 2 shows total non-farm employment in Kentucky from January 2001 through June 2012 (seasonally-adjusted). Employment in Kentucky reached its peak in December 2007 at 2,015,200 individuals. Employment reached its trough in October 2010 at 1,870,000 individuals.

**Figure 2: Total Non-Farm Employment,
 2001 to Present (Seasonally-Adjusted)**



Source: United States Bureau of Economic Analysis, Regional Accounts.

As of June 2011, Kentucky’s unemployment rate was 9.6 percent. As long as unemployment remains elevated, there will be increased demand for government services, which may be a constraint on the state’s ability to borrow.

Credit Rating Agencies

Moody’s, S&P, and Fitch publish ratings of municipal bonds that assess a state’s general ability and willingness to make timely payments on outstanding debt. Their ratings have an important role in establishing the interest cost of bonds. A higher rating signals a lower risk that the state will not make its debt payments, which results in the state paying lower interest rates. It is in the best interest of an issuer to achieve the highest rating possible, while taking into account the overall priorities of the state, because it lowers the state’s cost of capital. A description of the various levels of ratings from each agency is provided in **Appendix E** of this memorandum.

Moody’s downgraded Kentucky from Aa1 to Aa2 on March 30, 2011. Moody’s also kept its negative outlook for the state’s credit after the downgrade, which suggests that if certain financial and economic trends continue, the state’s ratings may be downgraded again. Fitch downgraded Kentucky from AA to AA- on June 14, 2010. Fitch revised its outlook from stable to negative in February 2011.

Moody’s Investors Service

Moody’s explained its rationale for downgrading Kentucky’s ratings in a special report, *Key Drivers of Kentucky’s Downgrade to Aa2*.³¹ According to Moody’s the primary reasons for the downgrade were: (1) persistent structural imbalance in the state budget and the use of non-recurring resources, including deficit financing, to achieve balance; (2) depletion of reserves; (3)

³¹ Moody’s Investors Service, *Key Drivers of Kentucky’s Downgrade to Aa2*, April 1, 2011.

weak and declining pension system funding; and (4) a vulnerable economy with above-average concentration in the manufacturing sector.

Although Kentucky does not engage broadly in deficit financing, Moody's considered the \$269.8 million Kentucky Asset/Liability Commission Funding Notes, 2011 General Fund First Series (Taxable), bond issue to have a deficit financing component. These bonds were authorized in 2010 Regular Session HB 531 to refinance the state's outstanding obligations to KTRS at a lower interest cost and to fund state medical insurance fund contributions to KTRS during FY 2011 and FY 2012. Moody's considered this a deficit financing because the transaction involved paying expenses for retiree health costs in the current biennium.³²

In its rating reports, Moody's has indicated that the agency would consider upgrading the state's credit if the state has sustained economic and revenue growth; restores structural balance to its budgets; increases and maintains reserves; and makes significant improvements in pension funding levels.

Conversely, Moody's would consider further downgrades if the state experiences slower economic growth and weaker revenue performance; does not replenish reserves at a pace comparable to similarly rated states; continues to use non-recurring resources to balance budgets; has a trend of negative ending balances; demonstrates strained liquidity; fails to address pension funding levels; or fails to enact timely budgets, even if debt service continues to be paid.

Standard and Poor's

S&P has assigned Kentucky an AA- issuer credit rating with a stable outlook and rates the state's appropriation-supported debt A+. S&P has not taken any rating actions since it downgraded the state's credit ratings on October 9, 2002, but the rating agency does rate Kentucky's credit one level below Moody's and Fitch.

Fitch Ratings

Fitch's rationale for downgrading Kentucky's debt was similar to Moody's. Fitch emphasized the lack of structural balance, use of non-recurring resources, and depletion of reserves. In a recent report, Fitch explained that "pension reform will slow growth in liabilities, but funded levels are likely to decline further during the 15 years statutorily permitted to reach full funding of the annually required contribution (ARC). The delay in making full ARC payments will increase the impact pension payments have on future fiscal operations."³³

Fitch also noted that Kentucky's debt levels "are at the higher end of the moderate range and are rising due to significant recent debt authorizations and issuance."³⁴

³² Moody's Investors Service, *Moody's Downgrades Commonwealth of Kentucky's General Obligation Issuer Rating to Aa2 from Aa1, General Fund and Related Lease Obligation Debt to Aa3 from Aa2 and Moral Obligation Debt to A1 from Aa3; Outlook Remains Negative*, March 30, 2011.

³³ Fitch Ratings, *Fitch Rates Kentucky SPBC's \$362MM Project 100 Revenue Bonds 'Aa-'*, June 10, 2011.

³⁴ Ibid.

Fitch indicated that the rating agency would consider further downgrades if long-term liabilities including the escalating funding needs of the state's retirement systems reduce the state's operating flexibility.

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:

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

Kentucky's near-term financial picture has improved since the economic downturn. Revenues have returned to pre-recession levels and the state has begun replenishing the BRTF.

Kentucky has been penalized by the rating agencies, however, for a number of financial practices. Policymakers have enacted a series of structurally imbalanced budgets that use non-recurring resources to offset recurring expenditures. The state has a large debt burden relative to other states using various debt indicators. Finally, the state has low pension funding levels that are expected to decline further. These issues will limit the resources available to support additional borrowing.

Appendix A: An Overview of Kentucky's Debt-Issuing Authorities

Kentucky has debt that is supported by General Assembly appropriations and debt that is supported by other resources.

Appropriation-Supported Debt

Appropriation-supported debt is specifically authorized by the General Assembly in an appropriations bill (such as the state budget). 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. General obligation bonds are backed by a state's full faith, credit, and authority to levy taxes. Kentucky is one of ten states that do not have any outstanding general obligation debt.³⁵ 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 1965 and retired the last outstanding general obligation bonds in 1995.

Moody's and S&P both assign issuer credit ratings to Kentucky that are effectively what the state's general obligation rating would be if the state issued general obligation debt. These ratings are Aa2 with a negative outlook from Moody's and AA- with a stable outlook from S&P. (Note: Ratings definitions are provided in **Appendix E** of this memorandum.)

Project Revenue Bonds. Project revenue bonds are supported by the revenues generated by the project financed with bond proceeds. Kentucky has various authorities that issue lease appropriation project revenue bonds. The bonds are secured by a pledge of lease rental payments (which are the debt service payments on the bonds) from the Finance and Administration Cabinet. 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 appropriation 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 FB 2002-04 and FB 2004-06

³⁵ Moody's Investors Service, *2010 State Debt Medians*, May 2010. The other states are Colorado, Idaho, Indiana, Iowa, Kansas, Nebraska, North Dakota, South Dakota, and Wyoming.

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 Assembly as a continuing appropriation. The opinion specifically cited debt service as an example of a continuing appropriation.³⁶

Entities Issuing Appropriation-Supported Debt

Listed below are the entities that have the authority to issue appropriation-supported debt. The debt of each entity is rated by the major 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 rating) at any time.

State Property and Buildings Commission (Moody's Aa3; S&P A+; Fitch AA-). 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 have been occasional bond issues supported by Agency or Road Fund revenues.³⁷ (The latter bond issues are rated differently based on the revenues pledged.) SPBC debt must be authorized by the General Assembly.

Kentucky Asset/Liability Commission (ratings vary depending on type of financing). The Kentucky Asset/Liability Commission (ALCo) was established by KRS 56.860-.869 to provide financing for capital projects and borrow funds to meet the state's 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 the state's cash flow requirements in anticipation of revenues to be collected during the fiscal year. This program was initiated in 1998. ALCo has not issued TRANs since FY 2009.

Project Notes—Project notes provide interim financing for projects as authorized across budget cycles. Market conditions in recent years have made it a challenge to maintain outstanding commercial paper, so projects have received partial permanent financing from SPBC as they are ready to move forward as an alternative to interim financing.

Floating Rate Notes—ALCo has one issue of floating rate notes outstanding. This is variable rate debt that has been hedged with interest rate derivatives.

Grant Anticipation Revenue Vehicle Project Notes (GARVEEs)—This debt is issued for highway projects. The required debt service on GARVEE bonds is paid from the state's future federal highway receipts.

³⁶ Supreme Court of Kentucky, 2005-SC-0046-TG, May 19, 2005.

³⁷ An example would be Road Fund projects that do not qualify for funding by the Turnpike Authority, such as office buildings or technology projects.

KTRS Funding Notes—These bond issues refinanced the state’s existing obligations to the retirement system.

School Facilities Construction Commission (Moody’s 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 (Moody’s Aa3; S&P A+; Fitch AA-) The Kentucky Infrastructure Authority (KIA), established under KRS 224A, issued General Fund-supported debt in the past for revolving fund programs that provide assistance to local governments for infrastructure projects. KIA cannot incur debt for its revolving loan programs without authorization from the General Assembly.

KIA was authorized in HB 406 (2008-10 Executive Budget) to issue \$200 million of Agency Fund-supported bonds for its Fund A and Fund F 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. KIA received authorization for \$125 million of Agency Fund-supported bonds in 2010 Extraordinary Session HB 1 (2010-12 Executive Budget) and anticipates issuing the bonds next year. These bonds are rated Moody’s Aaa; S&P AAA; and Fitch AAA.

Turnpike Authority of Kentucky (Moody’s Aa2; S&P AA+; Fitch AA-). 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. 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.

Public Universities. 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 (EKU), Kentucky State University, Morehead State University, Murray State University, Northern Kentucky University, and Western Kentucky University 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.³⁸ Beginning with UK in 2005, the universities have transitioned to general receipts trust indentures, where the 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 and gains, among others. The revenues pledged vary for each university. Some universities exclude

³⁸ A trust indenture is an agreement between the issuer of the debt – in this case, a 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 debt.

revenues from specific 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. Some universities have included a general receipts pledge in specific capital leases in addition to their bond issues. UK included its acquisition of Samaritan Hospital under its general receipts indenture. EKU included a general receipts pledge in an energy savings performance contract (ESPC) for campus-wide improvements. (This ESPC involved lease financing. Subsequent ESPCs for UK and UL were financed through the use of general receipts bonds.)

Ratings for the universities vary depending on criteria such as the level of state support the university receives, its market position, operating performance, borrowing history, and other factors. The table below provides the underlying ratings for each university’s debt programs. Fitch does not rate Kentucky university debt.

University Ratings³⁹

	Consolidated Education		Housing and Dining		General Receipts	
	Moody’s	S&P	Moody’s	S&P	Moody’s	S&P
Eastern Kentucky University	A1	A	A2	NR	A1	NR
Kentucky State University	None outstanding		None outstanding		A2	NR
Morehead State University	A2	A	A3	NR	A2	NR
Murray State University	A1	A	Intercept	A-	A1	NR
Northern Kentucky University	A1	A	A2	NR	A1	NR
University of Kentucky	Aa2	AA-	None outstanding		Aa2	AA-
University of Louisville	Aa2	AA-	Aa3	A+	Aa2	AA-
Western Kentucky University	A1	A	NR	NR	A1	NR

Source: Moody’s Investors Service and Standard and Poor’s.

University Intercept Program. Pursuant to KRS 164A.608, if the governing board of a public university is not able to make the required debt service payments on the university’s 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 university’s appropriated funds to make the debt service payment. Moody’s and S&P treat this provision as a credit enhancement program and have issued ratings for it. Moody’s rates the state university intercept program Aa3 and S&P rates it A+. These ratings are the same as the agencies’ ratings for the state’s General Fund appropriation supported debt and have been revised in accordance with changes in the state’s own credit ratings.

The university intercept program has reduced the interest cost for regional universities because the underlying ratings on these universities’ debt are below those of the intercept program. However, Moody’s and S&P rate UK and UL’s debt at the same level or higher than the state’s General Fund appropriation-supported debt. These universities benefit from having the program

³⁹ NR means the debt is not rated by that rating agency. Northern Kentucky University also has outstanding certificates of participation that were used to fund residence hall improvements. Western Kentucky University transferred its residence halls to the university foundation as part of a conduit bond deal.

in place as it reinforces the universities' commitment to fulfill their obligations to bondholders, but it does not reduce their interest cost.

Non-Appropriation Supported Debt⁴⁰

Both the Kentucky Housing Corporation (KHC) and the Kentucky Higher Education Student Loan Corporation (KHESLC) issue asset-backed securities, or bonds that are repaid from income generated by their respective loan portfolios. There are statutory limits on the amount of debt that these entities are authorized to assume. KRS 198A.090 limits KHC's outstanding debt to \$5 billion. Likewise, KRS 164A.080 limits KHESLC's outstanding debt to \$5 billion.

Moral Obligation Debt. All of KHC's mortgage bonds and some of KHESLC's student loan bonds are considered moral obligation debt of the state. The moral obligation debt involves a covenant requiring these issuers to request funds from the governor and the General Assembly sufficient to pay the debt service on the bonds in the event that the issuers have a shortfall.

Kentucky Housing Corporation (Moody's Aaa; S&P AAA). KHC funds programs to provide mortgage loans to low and moderate income home buyers 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 home buyers to repay the bondholders the amount it has borrowed with interest.

In October 2009, Capital Projects and Bond Oversight approved KHC's participation in the US Treasury's New Issue Bond Program. Bonds issued under this program are securitized by Fannie Mae and Freddie Mac and are privately placed with the US Treasury. This program was made available to assist state housing finance agencies following the financial crisis.

Kentucky Higher Education Student Loan Corporation (Senior debt is rated AAA by S&P and Fitch; subordinate debt is rated A by S&P and Fitch; exception is Series 2008 A-1, A-2, and A-3 bonds, which are rated A+ by S&P). In the past, the Kentucky Higher Education Student Loan Corporation (KHESLC) offered 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, the Kentucky Higher Education Assistance Authority—and reinsured by the federal government.

KHESLC issued tax-exempt and taxable revenue bonds and used the proceeds to make student loans. The majority of KHESLC's debt was issued as auction rate securities (ARS), a type of variable rate debt, to match the variable rate subsidy that KHESLC received from the federal government. KHESLC, like many other student lenders, was adversely affected when the ARS market collapsed in early 2008.

⁴⁰ Both the Kentucky Housing Corporation and the Kentucky Economic Development Finance Authority also 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. Kentucky state law requires that bond documents explain that the debt is not a debt of the issuer or of the state.

FFELP has since been replaced with a direct lending program from the federal Department of Education, which is funded through US Treasury borrowings. KHESLC's operations are now mostly restricted to servicing outstanding debt.

**Appendix B: General, Road, and Agency Fund Revenue Assumptions
(For Calculation of Debt Indicators)**

General Fund Revenue Assumptions (\$ millions)

	FY 2011 (Actual)	FY 2012 (Estimate)
Sales and Use	2,896.3	2,973.0
Individual Income	3,417.8	3,552.3
Corporation Income	300.8	332.1
Limited Liability Entity Tax	215.7	220.4
Coal Severance	295.8	314.5
Cigarette Tax	262.4	261.5
Property	514.8	532.9
Lottery	200.5	206.0
Other	655.3	670.5
Total General Fund	8,759.4	9,063.2
Tobacco	99.8	94.7
Total General Fund and Tobacco	8,859.2	9,157.9

Source: Consensus Forecasting Group Planning Estimates, adopted August 4, 2011.

Road Fund Revenue Assumptions (\$ millions)

	FY 2011 (Actual)	FY 2012 (Estimate)
Motor Fuels	732.8	792.5
Motor Vehicle Usage	381.8	403.5
Motor Vehicle License	97.8	97.1
Motor Vehicle Operators	15.7	15.8
Weight Distance	74.0	77.7
Investment	2.0	2.8
Other	34.7	34.8
Total Road Fund	1,338.8	1,424.2

Source: Consensus Forecasting Group Planning Estimates, adopted August 4, 2011.

Agency Fund Revenue Assumptions

	FY 2011 (Actual)
University of Kentucky	1,465,419,544
University of Louisville	259,926,260
Eastern Kentucky University	252,013,113
Kentucky State University	45,967,982
Morehead State University	97,336,733
Murray State University	107,128,651
Northern Kentucky University	173,711,851
Kentucky Community and Technical College System	226,195,022
Western Kentucky University	205,350,370
Less:	
Western Kentucky University Diddle Arena Debt Service	(2,314,570)
Murray GO Wellness Center Debt Service	(613,045)
Northern Kentucky University COP Debt Service	(509,300)
Total University Agency Receipts	2,829,612,612
Other Agency Revenue Funds	
Revenues	1,466,075,752
Plus Enterprise Fund Revenues Collected:	
State Parks Fund	49,915,471
State Fair Board Fund	40,269,057
Kentucky Horse Park Fund	7,997,161
Total Agency Fund Receipts	1,564,257,441
Total Agency Fund Revenue Assumption	4,393,870,053

Source: Statewide Accounting System.

Appendix C: 2010 State Debt Medians Moody's Investors Service

TABLE 1

Net Tax-Supported Debt

PER CAPITA			RATING
1	Connecticut	\$4,859	Aa2
2	Massachusetts	\$4,606	Aa1
3	Hawaii	\$3,996	Aa1
4	New Jersey	\$3,669	Aa2
5	New York	\$3,135	Aa2
6	Delaware	\$2,489	Aaa
7	California	\$2,362	A1
8	Washington	\$2,226	Aa1
9	Rhode Island	\$2,127	Aa2
10	Oregon	\$1,859	Aa1
11	Illinois	\$1,856	Aa3
12	Wisconsin	\$1,720	Aa2
13	Kentucky	\$1,685	Aa1*
14	Maryland	\$1,608	Aaa
15	Mississippi	\$1,478	Aa2
16	New Mexico	\$1,398	Aaa
17	Alaska	\$1,345	Aa1
18	Louisiana	\$1,271	Aa2
19	Kansas	\$1,140	Aa1*
20	Florida	\$1,123	Aa1
21	Georgia	\$1,120	Aaa
22	West Virginia	\$1,079	Aa2
23	Minnesota	\$1,037	Aa1
24	Utah	\$957	Aaa
25	Pennsylvania	\$938	Aa1
26	Ohio	\$933	Aa1
27	Nevada	\$925	Aa1
28	South Carolina	\$917	Aaa
29	Virginia	\$895	Aaa
30	Alabama	\$796	Aa1
31	Missouri	\$780	Aaa
32	North Carolina	\$765	Aaa
33	Maine	\$760	Aa2
34	Michigan	\$748	Aa2
35	Arizona	\$736	Aa2
36	Vermont	\$709	Aaa
37	New Hampshire	\$665	Aa1
38	Oklahoma	\$570	Aa2
39	Idaho	\$538	Aa1*
40	Texas	\$520	Aaa
41	Indiana	\$492	Aaa*
42	Colorado	\$400	Aa1*
43	Montana	\$358	Aa1
44	North Dakota	\$327	Aa1*
45	Tennessee	\$318	Aaa
46	Arkansas	\$312	Aa1
47	South Dakota	\$135	NGO**
48	Wyoming	\$77	NGO**
49	Iowa	\$73	Aaa*
50	Nebraska	\$15	NGO**
	MEAN:	\$1,297	
	MEDIAN:	\$936	
	Puerto Rico	\$10,167	A3***

* Issuer Rating (No G.O. Debt)

** No General Obligation Debt

*** This figure is not included in any totals, means, or median calculations but is provided for comparison

TABLE 2

Net Tax-Supported Debt

AS A % OF 2008 PERSONAL INCOME

1	Hawaii	9.9%
2	Massachusetts	9.2%
3	Connecticut	8.7%
4	New Jersey	7.2%
5	New York	6.5%
6	Delaware	6.2%
7	California	5.6%
8	Kentucky	5.4%
9	Washington	5.3%
10	Oregon	5.2%
11	Rhode Island	5.2%
12	Mississippi	5.0%
13	Wisconsin	4.6%
14	Illinois	4.4%
15	New Mexico	4.4%
16	Louisiana	3.6%
17	West Virginia	3.5%
18	Maryland	3.4%
19	Georgia	3.3%
20	Alaska	3.2%
21	Utah	3.2%
22	Kansas	3.0%
23	Florida	2.9%
24	South Carolina	2.9%
25	Arizona	2.6%
26	Ohio	2.4%
27	Alabama	2.4%
28	Minnesota	2.4%
29	Pennsylvania	2.3%
30	Nevada	2.3%
31	North Carolina	2.3%
32	Maine	2.2%
33	Missouri	2.2%
34	Michigan	2.1%
35	Virginia	2.1%
36	Vermont	1.8%
37	Idaho	1.7%
38	New Hampshire	1.6%
39	Oklahoma	1.6%
40	Indiana	1.5%
41	Texas	1.4%
42	Montana	1.1%
43	Arkansas	1.0%
44	Colorado	1.0%
45	Tennessee	0.9%
46	North Dakota	0.8%
47	South Dakota	0.4%
48	Iowa	0.2%
49	Wyoming	0.2%
50	Nebraska	0.0%
	MEAN:	3.2%
	MEDIAN:	2.5%
	Puerto Rico	75.7%**

** This figure is based on 2008 Personal Income. It is not included in any totals, means, or median calculations but is provided for comparison purposes only.

Appendix D: States' Combined Pension and Long-Term Liabilities Compared to Various Metrics Moody's Investors Service

FIGURE 3
States' Combined Pension and Long-Term Debt Liabilities Compared to Various Metrics
 Ranked from Highest to Lowest

Personal Income		GDP		Per Capita		As a % of Revenue					
1	Hawaii	27.2%	1	Hawaii	16.2%	1	Connecticut	9,366	1	Oregon	316.8%
2	Mississippi	22.8%	2	Mississippi	15.9%	2	Hawaii	7,987	2	Colorado	298.5%
3	Connecticut	22.3%	3	Connecticut	15.2%	3	Massachusetts	7,872	3	Illinois	296.8%
4	New Mexico	21.9%	4	West Virginia	14.5%	4	New Jersey	7,098	4	Massachusetts	271.9%
5	Alaska	21.6%	5	Massachusetts	14.2%	5	Illinois	6,692	5	South Carolina	264.0%
6	Kentucky	21.2%	6	Kentucky	14.2%	6	Alaska	6,407	6	Connecticut	262.7%
7	West Virginia	20.9%	7	Rhode Island	13.9%	7	Rhode Island	6,261	7	Kentucky	223.0%
8	Massachusetts	20.6%	8	Illinois	13.6%	8	Kentucky	5,143	8	New Jersey	222.6%
9	Illinois	20.5%	9	New Jersey	13.2%	9	Mississippi	4,955	9	Rhode Island	217.3%
10	Rhode Island	19.7%	10	New Mexico	12.2%	10	West Virginia	4,910	10	Hawaii	210.3%
11	Louisiana	18.9%	11	Oregon	11.0%	11	New Mexico	4,842	11	Mississippi	202.0%
12	New Jersey	18.5%	12	Oklahoma	10.4%	12	Louisiana	4,799	12	Alabama	195.0%
13	Oregon	17.6%	13	South Carolina	10.4%	13	Maryland	4,677	13	Montana	173.3%
14	Oklahoma	17.1%	14	Maine	10.1%	14	Oregon	4,666	14	Maryland	172.7%
15	South Carolina	15.6%	15	Maryland	9.8%	15	Oklahoma	4,142	15	Louisiana	167.0%
16	Maine	13.9%	16	Louisiana	9.7%	16	Colorado	3,968	16	Maine	167.0%
17	Maryland	13.5%	17	Alaska	9.3%	17	Maine	3,790	17	New Hampshire	164.5%
18	Colorado	13.3%	18	Montana	8.3%	18	California	3,704	18	Arizona	164.2%
19	Montana	13.2%	19	Colorado	8.0%	19	Minnesota	3,688	19	California	162.6%
20	Idaho	12.0%	20	Idaho	7.7%	20	South Carolina	3,560	20	New Mexico	162.6%
21	California	11.8%	21	Alabama	7.6%	21	New Hampshire	3,336	21	Oklahoma	160.8%
22	Alabama	11.5%	22	California	7.4%	22	Montana	3,071	22	West Virginia	149.3%
23	Minnesota	11.4%	23	Minnesota	7.4%	23	Delaware	2,974	23	Idaho	146.0%
24	Utah	10.9%	24	New Hampshire	7.4%	24	Kansas	2,968	24	Kansas	134.1%
25	Kansas	10.6%	25	Kansas	6.8%	25	Alabama	2,756	25	Minnesota	127.9%
26	Arizona	10.3%	26	Vermont	6.0%	26	Wyoming	2,731	26	Florida	123.4%
27	New Hampshire	10.1%	27	Arizona	5.9%	27	Idaho	2,616	27	Nevada	119.2%
28	Delaware	9.9%	28	Utah	5.6%	28	New York	2,603	28	Utah	118.3%
29	Wyoming	9.7%	29	Washington	5.2%	29	Washington	2,510	29	Washington	117.8%
30	Washington	8.4%	30	Florida	5.2%	30	Vermont	2,462	30	Virginia	114.6%
31	Vermont	8.4%	31	Georgia	5.1%	31	Virginia	2,257	31	Georgia	111.4%
32	Georgia	8.2%	32	Michigan	5.0%	32	Arizona	2,233	32	New York	101.6%
33	Florida	7.8%	33	Arkansas	4.7%	33	Utah	2,207	33	Pennsylvania	84.5%
34	Virginia	7.4%	34	Virginia	4.5%	34	Florida	2,073	34	Michigan	78.1%
35	New York	7.4%	35	New York	4.4%	35	Georgia	2,067	35	North Dakota	73.1%
36	Arkansas	7.2%	36	Delaware	4.3%	36	Michigan	1,903	36	Ohio	71.7%
37	Nevada	6.2%	37	Wyoming	4.2%	37	Wisconsin	1,765	37	Delaware	70.7%

FIGURE 3
States' Combined Pension and Long-Term Debt Liabilities Compared to Various Metrics
Ranked From Highest to Lowest

Personal Income		GDP		Per Capita		As a % of Revenue					
38	Michigan	6.2%	38	Wisconsin	4.2%	38	Pennsylvania	1,726	38	Missouri	69.8%
39	Wisconsin	6.1%	39	Pennsylvania	3.9%	39	Arkansas	1,587	39	Wyoming	67.9%
40	North Dakota	5.6%	40	Nevada	3.1%	40	Nevada	1,547	40	Vermont	66.1%
41	Pennsylvania	5.6%	41	North Dakota	3.1%	41	North Dakota	1,477	41	Wisconsin	65.3%
42	Texas	4.5%	42	Ohio	2.9%	42	Ohio	1,184	42	Texas	64.7%
43	Ohio	4.1%	43	Missouri	2.8%	43	Texas	1,131	43	Alaska	64.1%
44	Missouri	4.0%	44	Texas	2.3%	44	Missouri	1,099	44	South Dakota	60.9%
45	South Dakota	3.5%	45	Iowa	2.1%	45	Iowa	949	45	Arkansas	59.5%
46	Iowa	3.4%	46	South Dakota	1.9%	46	South Dakota	884	46	North Carolina	42.0%
47	North Carolina	3.3%	47	North Carolina	1.9%	47	North Carolina	818	47	Tennessee	37.2%
48	Tennessee	2.9%	48	Tennessee	1.9%	48	Tennessee	750	48	Indiana	35.4%
49	Indiana	2.5%	49	Indiana	1.7%	49	Indiana	685	49	Iowa	32.3%
50	Nebraska	0.1%	50	Nebraska	0.1%	50	Nebraska	43	50	Nebraska	2.3%
	Puerto Rico	108.4%			94.4%			16,157*			436.8

Sources: State and retirement plan audited financial reports, Moody's State Debt Medians, Bureau of Economic Analysis and U.S. Census Bureau Information

* Per capita was derived using the per capita income multiplied by population (both numbers found in 2009 CAFR)

Appendix E: 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 Service⁴¹

- 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's⁴²

- 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.

⁴¹ Moody's Investors Service, *Rating Symbols and Definitions*, July 2011.

⁴² Standard and Poor's, *Ratings Definitions*, http://www.standardandpoors.com/ratings/definitions-and-faqs/en/us#def_1 (accessed August 15, 2011).

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 Ratings⁴³

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.

⁴³ Fitch Ratings, *Long-Term Rating Scales*, http://www.fitchratings.com/creditdesk/public/ratings_definitions/index.cfm?rd_file=ltr#LTR (accessed August 15, 2011).