

**TITLE:** 2020-22 Postsecondary Education Budget Recommendation  
Capital Investment Request

**RECOMMENDATION:** The Finance Committee reviewed and approved this item on October 16, 2019 and recommends the Council approve the Capital Investment Request.

**PRESENTERS:** Ben Brandstetter, Finance Committee Chair  
Bill Payne, Vice President for Finance and Administration, CPE  
Shaun McKiernan, Director of Finance and Budget, CPE

### **SUPPORTING INFORMATION**

The following details CPE staff's budget recommendation to address asset preservation, new construction, and information technology needs of Kentucky's public postsecondary institutions for the 2020-22 biennium. It identifies the most pressing campus needs for asset preservation and renovation of existing facilities (to be funded through a combination of state General Fund supported bonds and institutional resources) and new and expanded space and information technology and equipment (to be funded with institutional resources).

#### **Historical Information**

In 2005, the Council and postsecondary institutions contracted with Vanderweil Facilities Advisors, Inc. (VFA), Paulien & Associates, and NCHEMS to conduct a comprehensive review and assessment of Kentucky's public college and university facilities. Evaluators took more than a year and examined over 700 education and general (E&G) facilities located on college campuses across the system and, in early 2007, concluded that Kentucky's facilities inventory was in relatively poor condition compared to industry standards.

Most buildings at that time were over 30 years old and their condition and utility was consistent with their age. Additionally, HVAC, plumbing, and electrical systems in many buildings had far exceeded their useful life expectancies and many buildings no longer adequately supported the academic programming for which they were originally intended.

Overall, evaluators identified an accumulation of about \$6.1 billion in asset preservation needs for the postsecondary system projected to come due by 2018 (*Facility Condition Assessment & Space Study*, VFA, 2007).

In light of their findings, VFA consultants made several recommendations that, if adhered to, would help Kentucky establish and maintain high-quality learning and research environments:

- Kentucky should begin investing in its postsecondary facilities at a level sufficient to address the sizable capital needs identified in the study and sustain that increased level of investment over a long-term time horizon.
- Given the backlog of deferred maintenance needs, capital appropriations should reflect relatively greater investment in asset preservation and renovation.
- Kentucky should adopt a more balanced approach, investing in asset preservation and new construction at nearly equal levels.

The VFA study findings formed the basis for several subsequent capital investment recommendations approved by the Council. These requests included a multi-biennium approach to address the large needs identified by VFA for asset preservation and new construction, as well as, the use of pools for each campus to fund asset preservation and new construction projects.

Beginning in 2008-10, the Council recommended a pool of funding for each institution using an agreed upon formula that took into account various factors, including differences in deferred maintenance needs, FTE student enrollment, extramural research expenditures, and total public funds across campuses. This approach was adopted to achieve a more equitable distribution of capital funds among institutions.

The use of pools also would provide institutions greater flexibility to address multiple, smaller, but potentially more critical, capital projects. Individual projects would be approved by the Council and authorized by the General Assembly, but institutions would have the flexibility to choose which projects would be funded from their respective asset preservation and new construction pools. Each biennium since 2008-10, the Capital Planning Advisory Board, which is comprised of representatives from all three branches of state government, has endorsed this approach prior to the Council's budget submission.

## Recent Funding Levels

As part of its 2014-16 biennial budget request, the Council recommended an appropriation of \$600.0 million for capital construction projects at the public colleges and universities. This was characterized as the “first installment” of a larger, three biennia (six year) \$1.8 billion capital investment plan. In the 2014-16 biennium, the General Assembly, through the state budget (HB 235) and HB 298 in the 2015 session, provided \$607.8 million in capital projects for the postsecondary institutions. Thirty nine percent of the appropriations (\$240.1 million) funded asset preservation projects and 61 percent (\$367.8 million) funded new and expanded space projects. While funding was provided for individual projects, and not the pools of funding that CPE recommended, the total level of funding was substantial, exceeding the CPE request, and the portion of funding for asset preservation (39 percent) was significant, although less than the 53 percent recommended by CPE.

In 2016-18, the Council recommended the “second installment” of its three biennia, capital investment plan, or \$600.0 million for asset preservation and new construction, but received no state funding for capital projects that biennium. In 2018-20, the Council recommended \$600.0 million for asset preservation, but received no state funding.

### **2020-22 Capital Construction Recommendation**

Based on VFA Study findings (February 2007; updated in 2013), staff recommends that the Council continue to pursue a multi-biennia capital investment strategy that envisions a long-term partnership between the state, postsecondary institutions, and students and families. Sustained investment over an extended time horizon is necessary to address what has become an overwhelming and urgent need for renovation and renewal of existing postsecondary facilities and to protect these valuable state owned assets.

- *Staff recommends an appropriation of \$8,239,000 in 2020-21 and \$24,717,000, recurring at \$32,956,000 in subsequent years, to pay annual debt service on a \$400.0 million bond issue to finance asset preservation and renovation projects at the postsecondary institutions during the upcoming biennium.*

While investment in new construction and information technology and equipment are important needs for the postsecondary institutions, due to the magnitude of accumulated renovation and renewal needs, staff recommends that the 2020-22 request for capital construction focus exclusively on asset preservation projects (see Table 1).

**Table 1: 2020-22 Capital Investment Request**

Funding Component	Fiscal 2020-21	Fiscal 2021-22	Biennial Total
Additional Budget Requests for:			
Capital Construction			
Asset Preservation Bond Funds	\$200,000,000	\$200,000,000	\$400,000,000
-- Debt Service	8,239,000	24,717,000	32,956,000
New Construction	\$0	\$0	\$0
Information Technology and Equipment	\$0	\$0	\$0

If the requested Capital Investment funding is authorized, \$400.0 million in state General Fund supported bond funds would be allocated among the postsecondary institutions using an agreed upon allocation method. Specifically, CPE senior staff and a majority of campus presidents and chief budget officers (CBOs) agreed that one percent (1%) of the total bond funds (or \$4,000,000) would be distributed to each university as a base level of funding, and two percent (2%) of the total bond funds would be distributed to the Kentucky Community and Technical College System (or \$8,000,000). The remaining funds (\$360,000,000) would be distributed based on each institution's share of total asset preservation need, identified in the 2013 update to the VFA Study (see Table 2).

Should any institution be unable to match their allocation of asset preservation pool funds, those unmatched funds will be distributed to institutions that are able to provide matched funds. Council staff and the Finance Committee are developing the related policy.

In keeping with the notion of a long-term partnership among state government, postsecondary institutions, and students and families to address renovation and renewal needs, staff recommends that any bonds funds appropriated for asset preservation be matched fifty cents on the dollar with college and university resources. It is estimated that the combined \$600.0 million total, state appropriations plus institutional matching funds, will address about one-tenth of total asset preservation needs at the campuses.

- *Staff recommends that any General Fund debt supported bond funds appropriated for postsecondary institution asset preservation projects in the 2020-22 biennium be matched fifty cents on the dollar with institutional funds.*

Staff further recommends that any appropriations for asset preservation in the upcoming biennium be distributed to postsecondary institutions in funding pools. Each campus provided a list of priority asset preservation and renovation projects that can be funded from their respective pool. A list of eligible projects can be found in Attachment C-1.

For 2020-22, CPE staff is recommending a similar approach to funding asset preservation as was submitted in 2018-20, though this is a more aggressive approach to funding asset preservation than was put forth in prior biennia. Prior to 2018-20, the Council recommended that the state simultaneously fund new construction and asset preservation on each campus. A combination of factors, including a growing inventory of aging facilities, infrastructure and systems needing renovation and renewal, increasing construction costs, and minimal state investment in asset preservation since 2007, has resulted in aggregate asset preservation need that is estimated to exceed \$6.0 billion.

**Table 2: Allocation of Requested Asset Preservation Funds**

Institution	Base Funding Amount	2013 VFA Study Renovation and Renewal Need	Percent Share	Allocation Based on VFA Study	General Fund Debt Supported State Bonds
UK	\$4,000,000	\$2,242,371,690	36.8%	\$132,628,100	\$136,628,100
UofL	4,000,000	1,032,082,314	17.0%	61,043,900	65,043,900
EKU	4,000,000	438,941,880	7.2%	25,961,800	29,961,800
KSU	4,000,000	113,775,480	1.9%	6,729,400	10,729,400
MbSU	4,000,000	321,567,480	5.3%	19,019,500	23,019,500
MuSU	4,000,000	347,559,030	5.7%	20,556,900	24,556,900
NKU	4,000,000	294,015,940	4.8%	17,390,000	21,390,000
WKU	4,000,000	537,724,980	8.8%	31,804,500	35,804,500
KCTCS	8,000,000	758,556,630	12.5%	44,865,900	52,865,900
<b>Totals</b>	<b>\$40,000,000</b>	<b>\$6,086,595,424</b>	<b>100.0%</b>	<b>\$360,000,000</b>	<b>\$400,000,000</b>

If the requested debt service for asset preservation projects is authorized, it would be housed temporarily in the Physical Facilities Trust Fund. The list of eligible E&G asset preservation projects can be found in Attachment C-1.

### **Institutionally Funded Capital Projects**

Staff recommends that the Council approve institutionally funded capital projects that further the goals of *The Postsecondary Education Improvement Act of 1997* (HB 1) and objectives and strategies of the Council's *2016-21 Strategic Agenda for Postsecondary Education*. While this proposal requests state funds for asset preservation only, the state budget office has allowed the institutions to submit their projects using the fund

source that they used in the capital planning system. The state budget office is fully aware of CPE's position in this matter.

Staff recommends that the Council support projects in the following categories:

- *Authorization of \$699,810,000 in agency, federal, private, and other fund source authority to address new and expanded space on postsecondary campuses during the upcoming biennium. This authorization level represents the total of all possible agency, federal, private, and other fund source financed new and expanded space projects that might be undertaken by the campuses during the biennium. These projects can be found in Attachment C-2.*
- *Authorization of \$296,114,000 in agency, federal, private, and other fund source authority for information technology needs on postsecondary campuses during the upcoming biennium. This authorization level represents the total of all possible agency, federal, private, and other fund source financed projects that might be undertaken by the campuses during the biennium. A list of these projects can be found in Attachment C-3.*
- *Authorization of \$1,129,979,500 in agency bonds to finance capital projects on postsecondary campuses during the upcoming biennium. This authorization level represents the total of all possible agency bond funded projects that might be undertaken by the campuses during the biennium. A list of these projects can be found in Attachment C-4.*
- *Authorization of \$6,263,007,845 in agency, federal, private, and other fund source authority to address life safety, major maintenance, equipment acquisitions, infrastructure repair and upgrades, and new construction on postsecondary campuses during the upcoming biennium. This authorization level represents the total of all possible agency, federal, private, and other fund source financed projects that might be undertaken by the campuses during the biennium. These projects can be found in Attachment C-5.*
- *Authorization for nine projects (one at each institution) to improve energy efficiency in campus buildings, including energy equipment acquisitions, infrastructure repair, and upgrades. These projects would be funded using third-party financing available through the Finance and Administration Cabinet, private contractors, or other non-state funds. These projects are listed in C-6.*

## Budget Language Endorsements

Staff recommends that the Council endorse the following language for inclusion in the 2020-22 Budget of the Commonwealth:

- *Inasmuch as the identification of specific projects in a variety of areas of postsecondary institution operations cannot be ascertained with absolute certainty at this time, amounts are appropriated and authorized for specific projects which are not individually identified in this act in the following areas: ECU, KCTCS, KSU, MoSU, MuSU, NKU, UK, UofL, and WKU asset preservation, renovation, major maintenance, infrastructure, and HVAC and roofing systems.*
- *Any specific project exceeding \$1,000,000 or any major item of equipment exceeding \$200,000 that is initiated shall be reported by the institution to the Council on Postsecondary Education, the Secretary of the Finance and Administration Cabinet, and the Capital Projects and Bond Oversight Committee no later than 30 days after the specific project or equipment item is initiated and funded. The report shall identify the need for, and provide a brief description of, each project or equipment item pursuant to KRS Chapter 45.*

**Capital Projects Recommendations**  
**Asset Preservation and Major Renovation (eligible for General Fund support)**  
**2020-2022**

Attachment C1  
November 2019

<b>Institution/ Project Title</b>	<b>Project Scope</b>	<b>General Fund</b>	<b>Restricted/ Institution Funds</b>	<b>Other Funds</b>	<b>Federal Funds</b>	<b>Agency Bonds</b>
<b>Eastern Kentucky University</b>						
1 EKU-Capital Asset Renewal Match Pool	\$ 35,000,000	\$ 35,000,000				
2 EKU-Renovate & Upgrade Heat Plant	14,000,000	7,000,000	7,000,000			
3 EKU-Renovate Mechanical Systems Pool 2020-2022	20,000,000	10,000,000	10,000,000			
4 EKU-Renovate Memorial-Roark Building	40,000,000	40,000,000				
5 EKU-Renovate Wallace Building	35,000,000	35,000,000				
6 EKU-Renovate Whalen Complex	24,500,000	22,500,000		2,000,000		
<b>Total - EKU</b>	<b>\$ 168,500,000</b>	<b>\$ 149,500,000</b>	<b>\$ 17,000,000</b>	<b>\$ 2,000,000</b>	<b>\$ -</b>	<b>\$ -</b>
<b>Kentucky State University</b>						
1 KSU-Renovation & Renewal E&G Projects Pool 2020	9,500,000	9,400,000	100,000			
2 KSU-Renovate Academic & Student Success Center	29,604,000	29,604,000				
<b>Total - KSU</b>	<b>\$ 39,104,000</b>	<b>\$ 39,004,000</b>	<b>\$ 100,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
<b>Morehead State University</b>						
1 MoSU-Renovate Combs Classroom Building	\$ 30,733,000	\$ 30,733,000				
2 MoSU-Renovate Third Street Eats	2,982,000	2,982,000				
3 MoSU Replace Electrical Switchgear B	1,891,000	1,891,000				
4 MoSU-Capital Renewal & Maintenance Pool - E&G	7,600,000	7,600,000				
5 MoSU-Water Plant Sediment Basin	1,921,000	1,921,000				
6 MoSU-Upgrade Campus Fire & Security Systems	2,729,000	2,729,000				
7 MoSU-Repair Camden-Carroll Library Façade	10,000,000	10,000,000				
8 MoSU-Capital Renewal & Maintenance Pool - Univ. Farm	1,235,000	1,235,000				
9 MoSU-Comply with ADA -E&G	3,921,000	3,921,000				
10 MoSU-Renovate Button Auditorium	18,129,000	18,129,000				
11 MoSU-Renovate Howell-McDowell Building	4,139,000	4,139,000				
12 MoSU-Renovate Jayne Stadium	39,761,000	39,761,000				
13 MoSU-Renovate Lappin Hall	7,975,000	7,975,000				
<b>Total - MoSU</b>	<b>\$ 133,016,000</b>	<b>\$ 133,016,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
<b>Murray State University</b>						
1 MuSU-Capital Renewal & Building Modernization	\$ 36,835,350	\$ 24,556,900				\$ 12,278,450
<b>Subtotal - MuSU</b>	<b>\$ 36,835,350</b>	<b>\$ 24,556,900</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 12,278,450</b>

**Capital Projects Recommendations**  
**Asset Preservation and Major Renovation (eligible for General Fund support)**  
**2020-2022**

Attachment C1  
November 2019

Institution/ Project Title	Project Scope	General Fund	Restricted/ Institution Funds	Other Funds	Federal Funds	Agency Bonds
<b>Northern Kentucky University</b>						
1 NKU-Renew/Renovate Fine Arts Center, Phase II	\$ 50,000,000	\$ 45,000,000		\$ 5,000,000		
2 NKU-Renovate/Expand Business Academic Building	41,000,000	33,000,000		8,000,000		
3 NKU-Renew/Renovate Nunn Hall	30,000,000	25,000,000		5,000,000		
4 NKU-Replace Underground Utility Infrastructure	6,700,000	6,700,000				
5 NKU-Renew/Renovate Steely Library	41,000,000	41,000,000				
6 NKU-Renew E&G Building Systems Projects Pool	20,000,000	20,000,000				
7 NKU-Renovate/Construct Campbell Hall	18,000,000	9,000,000		9,000,000		
Subtotal - NKU	\$ 206,700,000	\$ 179,700,000	\$ -	\$ 27,000,000	\$ -	\$ -
<b>Western Kentucky University</b>						
1 WKU-Renovate Grise Hall	\$ 32,200,000	\$ 32,200,000				
2 WKU-Demolish Tate Page Hall/Improve Site	6,000,000	6,000,000				
3 WKU-Replace Underground Infrastructure	25,000,000	25,000,000				
4 WKU-Demolish Garrett Conference Center/Improve Site	7,000,000	7,000,000				
5 WKU-Renovate Raymond Cravens Library	40,300,000	40,300,000				
6 WKU-Renovate Ogden College of Science & Engineering Facility	75,800,000	75,800,000				
7 WKU-Renovate Potter College Arts & Letters Facilities	96,400,000	96,400,000				
8 WKU-Renovate Academic Complex	27,500,000	27,500,000				
9 WKU-Improve Life Safety Pool/Academic Buildings	27,500,000	27,500,000				
10 WKU-Repair/Replace Roof at Ctr Research & Development	5,100,000	5,100,000				
11 WKU-Capital Renewal Pool 2020-2022	10,000,000	10,000,000				
12 WKU-Renovate Kentucky Building	17,500,000	17,500,000				
13 WKU-Renovate Central Heat Plant	5,100,000	5,100,000				
14 WKU-Renovate Jones Jaggars Interior	1,000,000	1,000,000				
Subtotal - WKU	\$ 376,400,000	\$ 376,400,000	\$ -	\$ -	\$ -	\$ -
<b>University of Kentucky</b>						
1 UK-Facilities Renewal and Modernization	\$ 250,000,000	\$ 125,000,000				\$ 125,000,000
2 UK-Improve Funkhouser Building	92,000,000	92,000,000				
3 UK-Improve Taylor Education Building	40,000,000	40,000,000				
4 UK- Acquire/Improve Elevator Systems	10,000,000	10,000,000				
5 UK-Improve Anderson Tower	6,000,000	6,000,000				
6 UK-Improve Barnhart Building	40,000,000	40,000,000				

**Capital Projects Recommendations**  
**Asset Preservation and Major Renovation (eligible for General Fund support)**  
**2020-2022**

Attachment C1  
November 2019

<b>Institution/ Project Title</b>	<b>Project Scope</b>	<b>General Fund</b>	<b>Restricted/ Institution Funds</b>	<b>Other Funds</b>	<b>Federal Funds</b>	<b>Agency Bonds</b>
7 UK-Improve Building Electrical Systems	10,000,000	10,000,000				
8 UK-Improve Building Mechanical Systems	35,000,000	35,000,000				
9 UK-Improve Buildings Shell Systems	40,000,000	40,000,000				
10 UK-Improve Carnahan House	8,000,000	8,000,000				
11 UK-Improve Civil/Site Infrastructure	50,000,000	50,000,000				
12 UK-Improve Electrical Infrastructure	28,000,000	28,000,000				
13 UK-Improve Fume Hood Systems	10,000,000	10,000,000				
14 UK-Improve Library Facility	20,000,000	20,000,000				
15 UK-Improve McVey Hall	35,000,000	35,000,000				
16 UK-Improve Mechanical Infrastructure	26,000,000	26,000,000				
17 UK-Improve Memorial Hall	13,000,000	13,000,000				
18 UK-Improve Moloney Building	17,000,000	17,000,000				
19 UK-Improve Pence Hall	20,000,000	20,000,000				
20 UK-Improve Peterson Service Building	14,000,000	14,000,000				
21 UK-Improve Reynolds Building 1	35,000,000	35,000,000				
22 UK-Improve Sanders Brown Building	35,000,000	35,000,000				
23 UK-Improve Scovell Hall	45,000,000	45,000,000				
24 UK-Improve Sturgill Development Building	4,000,000	4,000,000				
25 UK-Improve W.T. Young Facility	5,000,000	5,000,000				
26 UK-Renovate Improve Campus Core Quadrangle Facilities	65,000,000	65,000,000				
27 UK-Renovate Improve Chem/Physics Building Phase 3	65,000,000	65,000,000				
28 UK-Renovate Improve Dickey Hall	20,000,000	20,000,000				
29 UK-Renovate Improve Frazee Hall	11,000,000	11,000,000				
30 UK-Renovate Improve King Library	5,000,000	5,000,000				
31 UK-Renovate Improve Mineral Industries Building	6,000,000	6,000,000				
32 UK-Renovate Improve Multi-Disciplinary Science Building	10,000,000	10,000,000				
33 UK-Renovate Improve Nursing Building	2,000,000	2,000,000				
34 UK-Repair/Upgrade/Expand Central Plants	112,000,000	112,000,000				
<b>Subtotal - UK</b>	<b>\$ 1,184,000,000</b>	<b>\$ 1,059,000,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 125,000,000</b>
<b>University of Louisville</b>						
1 UL-Upgrade STEM Instruction Building	\$ 50,000,000	\$ 50,000,000				
2 UL-Capital Renewal Replace & Upgrade Pool	100,000,000	50,000,000				50,000,000
3 UL-Upgrade Regional Biocontainment Lab Pressurization	10,869,000		10,869,000			

**Capital Projects Recommendations**  
**Asset Preservation and Major Renovation (eligible for General Fund support)**  
**2020-2022**

Attachment C1  
November 2019

<b>Institution/ Project Title</b>	<b>Project Scope</b>	<b>General Fund</b>	<b>Restricted/ Institution Funds</b>	<b>Other Funds</b>	<b>Federal Funds</b>	<b>Agency Bonds</b>
4 UL-Renovate Vivarium Facilities	75,000,000		75,000,000			
5 UL-Replacement - Building HVAC	25,000,000		25,000,000			
Subtotal - UofL	\$ 260,869,000	\$ 100,000,000	\$ 110,869,000	\$ -	\$ -	\$ 50,000,000
<b>Kentucky Community and Technical College System</b>						
1 KCTCS-College Safety & Security Pool	\$ 16,000,000	\$ 16,000,000				
2 KCTCS-Capital Renewal & Deferred Maintenance Pool	30,000,000	30,000,000				
3 KCTCS-Renovate Occupational Tech Bldg - Etown CTC	24,800,000	16,800,000		8,000,000		
4 KCTCS-Renovate Main Campus Bldgs - Southcentral (Add'l)	5,000,000	5,000,000				
5 KCTCS-Renovate Hartford Building - Jefferson CTC	31,100,000	31,100,000				
6 KCTCS-Renovate Pineville Campus - Southeast KY CTC	3,000,000	3,000,000				
7 KCTCS-Renovate/Construct Admin Bldg - Maysville CTC	15,500,000	15,500,000				
8 KCTCS-Renovate Main Bldg Phase II - Ashland CTC	34,000,000	34,000,000				
9 KCTCS-Renovate Collegewide Facilities - Big Sandy CTC	10,000,000	10,000,000				
10 KCTCS-Renovate Auditorium Building - Hopkinsville CC	3,700,000	3,700,000				
11 KCTCS-Renovate Tech Campus - Madisonville CC	3,400,000	3,400,000				
12 KCTCS-Relocate Student Center - Henderson CC	3,900,000	3,900,000				
13 KCTCS-Renovate Instructional Space - Gateway CTC	13,400,000	6,400,000	7,000,000			
14 KCTCS-Rnovate Main Campus - West KY CTC	7,000,000	7,000,000				
15 KCTCS-Replace HVAC System Phase 1 - Owensboro CTC	4,100,000	4,100,000				
16 KCTCS-Upgrade HVAC Equip & Controls - Hazard CTC	3,600,000	3,600,000				
17 KCTCS-Renovate Academic Building - Hopkinsville CC	14,300,000	14,300,000				
18 KCTCS-Renovate Science Labs - Jefferson CTC	7,300,000	7,300,000				
19 KCTCS-Renovate/Purchase Allied Health - Hazard CTC	15,800,000	13,450,000	2,350,000			
20 KCTCS-Procure Postsecondary Ed Cntr Ph 2 - Maysville CTC	6,900,000	6,900,000				
21 KCTCS-Renovate Learning Resource Center - Ashland CTC	6,700,000	6,700,000				
Subtotal - KCTCS	\$ 259,500,000	\$ 242,150,000	\$ 9,350,000	\$ 8,000,000	\$ -	\$ -
<b>System Total</b>	<b>\$ 2,664,924,350</b>	<b>\$ 2,303,326,900</b>	<b>\$ 137,319,000</b>	<b>\$ 37,000,000</b>	<b>\$ -</b>	<b>\$ 187,278,450</b>

**Capital Projects Recommendations  
New and Expanded Space  
2020-2022**

Attachment C2  
November 2019

Institution/Institution Priority / Project Title	Project Scope	General Fund	Restricted/ Institution Funds	Other Funds
<b>Eastern Kentucky University</b>				
1 EKU-Construct Model Laboratory School	\$ 60,000,000	\$ 60,000,000		
2 EKU-Comprehensive Aviation Expansion	15,000,000	15,000,000		
3 EKU-Construct Academic Complex	94,000,000	94,000,000		
Total - EKU	\$ 169,000,000	\$ 169,000,000	\$ -	\$ -
<b>Kentucky State University</b>				
1 KSU-Construct Health Science Center	\$ 18,406,000	\$ 18,406,000		
2 KSU-Construct Business & Technology Center	42,717,000	42,717,000		
3 KSU-Expand Campus Communications Infrastructure	2,407,000	2,407,000		
Total - KSU	\$ 63,530,000	\$ 63,530,000	\$ -	\$ -
<b>Morehead State University</b>				
1 MoSU-Construct Science & Engineering Building	\$ 98,000,000	\$ 98,000,000		
2 MoSU-Construct Center for Excellence in Education	52,380,000	52,380,000		
Total - MoSU	\$ 150,380,000	\$ 150,380,000	\$ -	\$ -
<b>Murray State University</b>				
No Projects Requested	\$ -			
Subtotal - MuSU	\$ -	\$ -	\$ -	\$ -
<b>Northern Kentucky University</b>				
NKU-Expand Herrmann Science Center	\$ 94,500,000	\$ 94,500,000		
Subtotal - NKU	\$ 94,500,000	\$ 94,500,000	\$ -	\$ -
<b>Western Kentucky University</b>				
1 WKU-Construct New Gordon Ford College of Business	\$ 65,100,000	\$ 65,100,000		
2 WKU-Construct Tertiary Data Center	1,500,000	1,500,000		
Subtotal - WKU	\$ 66,600,000	\$ 66,600,000	\$ -	\$ -

**Capital Projects Recommendations  
New and Expanded Space  
2020-2022**

Attachment C2  
November 2019

<b>Institution/Institution Priority / Project Title</b>	<b>Project Scope</b>	<b>General Fund</b>	<b>Restricted/ Institution Funds</b>	<b>Other Funds</b>
<b>University of Kentucky</b>				
1 UK-Improve Whalen Bidg & Bay Facility (Ky Adv Mfg)	\$ 5,000,000	\$ 5,000,000		\$ -
2 UK-Acquire/Renovate Clinical Research Facility (Aging)	8,000,000	8,000,000		
Subtotal - UK	\$ 13,000,000	\$ 13,000,000	\$ -	\$ -
<b>University of Louisville</b>				
No Projects Requested	\$ -			
Subtotal - UofL	\$ -	\$ -	\$ -	\$ -
<b>Kentucky Community and Technical College System</b>				
1 KCTCS-Construct Advanced Ed. Bldg - Somerset CC North	\$ 29,500,000	\$ 29,500,000		
2 KCTCS-Construct Student/Classroom - Bluegrass CTC Newtown	30,000,000	30,000,000		
3 KCTCS-Construct Transportation Training Ctr - Ashland CTC	5,000,000	5,000,000		
4 KCTCS-Construct Muhlenberg Campus Ph 2 - Madisonville CC	13,900,000	13,900,000		
5 KCTCS-Construct Allied Health Building - Henderson CC	18,600,000	18,600,000		
6 KCTCS-Construct Tec Ed Bldg - Somerser cc, Laurel North	24,900,000	24,900,000		
7 KCTCS-Construct Student Learning Center - Hopkinsville CC	20,900,000	20,900,000		
Subtotal - KCTCS	\$ 142,800,000	\$ 142,800,000	\$ -	\$ -
<b>System Total</b>	<b>\$ 699,810,000</b>	<b>\$ 699,810,000</b>	<b>\$ -</b>	<b>\$ -</b>

**Capital Projects Recommendations**  
**Information Technology Initiatives and Equipment Projects (eligible for General Fund support)**  
**2020-2022**

Attachment C3  
November 2019

<b>Institution/ Project Title</b>	<b>Project Scope</b>	<b>General Fund</b>	<b>Agency Bonds</b>	<b>Rest/Other Funds</b>	<b>Federal Funds</b>
<b>Eastern Kentucky University</b>					
1 EKU-Lease - Aviation					
2 EKU-Academic Computing Pool	8,000,000			8,000,000	
3 EKU-Administrative Computing Pool	6,500,000			6,500,000	
4 EKU-Campus Data Network Pool	13,000,000			13,000,000	
5 EKU-Chemistry and Translational Research Pool	1,025,000			1,025,000	
6 EKU-Scientific & Research Equipment Pool	7,400,000			7,400,000	
Subtotal - EKU	\$ 35,925,000	\$ -	\$ -	\$ 35,925,000	\$ -
<b>Kentucky State University</b>					
1 KSU-Upgrade Information Tech Infrastructure 2018	\$ 12,263,000	\$ 12,263,000			
2 KSU-Replace Enterprise Resource Planning System	5,000,000	5,000,000			-
Subtotal - KSU	\$ 17,263,000	\$ 17,263,000	\$ -	\$ -	\$ -
<b>Morehead State University</b>					
MoSU-Enhance Network/Infrastructure Resources - Add'l	\$ 3,150,000	\$ 3,150,000			
MoSU-Enhance Library Automation Resources	1,573,000	1,573,000			
MoSU-Upgrade Instruction PCs/LANS/Peripherals	4,088,000	4,088,000			
Subtotal - MoSU	\$ 8,811,000	\$ 8,811,000	\$ -	\$ -	\$ -
<b>Murray State University</b>					
1 MuSU-Replace Campus Communication Infrastructure (fiber ring)	\$ 4,640,000	\$ 4,640,000			
2 MuSU-Agriculture Instructional Lab & Technology Equipment	800,000			800,000	
3 MuSU-Broadcasting Education Lab Equipment	225,000			225,000	
Subtotal - MuSU	\$ 5,665,000	\$ 4,640,000	\$ -	\$ 1,025,000	\$ -
<b>Northern Kentucky University</b>					
1 NKU-Enhance/Upgrade Cyber Security System Reauth.	\$ 1,950,000	\$ 1,950,000			
2 NKU-Upgrade Admin Systems	6,000,000	6,000,000			
3 NKU-Upgrade Instructional Technology	4,700,000	4,700,000			
4 NKU-Next Generation Digital Campus	3,300,000	3,300,000			
5 NKU-Scientific/Technology Equipment Pool	6,000,000	6,000,000			
Subtotal - NKU	\$ 21,950,000	\$ 21,950,000	\$ -	\$ -	\$ -
<b>Western Kentucky University</b>					
1 WKU-Upgrade IT Infrastructure	\$ 6,000,000	\$ 6,000,000			
Subtotal - WKU	\$ 6,000,000	\$ 6,000,000	\$ -	\$ -	\$ -

**Capital Projects Recommendations**  
**Information Technology Initiatives and Equipment Projects (eligible for General Fund support)**  
**2020-2022**

Attachment C3  
November 2019

<b>Institution/ Project Title</b>	<b>Project Scope</b>	<b>General Fund</b>	<b>Agency Bonds</b>	<b>Rest/Other Funds</b>	<b>Federal Funds</b>
<b>University of Kentucky</b>					
1 UK-Acquire Transportation Buses	\$ 3,000,000			\$ 3,000,000	
2 UK-Improve Enterprising Networking 1	5,000,000			5,000,000	
3 UK-Improve Enterprise Networking 2	5,000,000			5,000,000	
4 UK-Lease/Purchase Campus Call-Center System	5,000,000			5,000,000	
5 UK-Lease/Purchase Campus Infrastructure	10,000,000			10,000,000	
6 UK-Lease/Purchase Campus IT System	10,000,000			10,000,000	
7 UK-Lease/Purchase High Performance Computer	7,000,000			7,000,000	
8 UK-Lease/Purchase Network Security	5,000,000			5,000,000	
9 UK-Lease/Purchase Voice Infrastructure	3,000,000			3,000,000	
10 UK-Improve Campus Infrastructure	4,000,000			4,000,000	
11 UK-Research Equipment Replacement	30,000,000			30,000,000	
12 UK-Purchase/Construct CO2 Capture Process Plant	40,000,000				40,000,000
13 UK-Upgrade/Expand Campus Security Platform	10,000,000			10,000,000	
Subtotal - UK	\$ 137,000,000	\$ -	\$ -	\$ 97,000,000	\$ 40,000,000
<b>University of Louisville</b>					
1 UL-Purchase Networking System	\$ 8,000,000			\$ 8,000,000	
2 UL-Next Generation/ERP Support System	20,000,000			\$ 20,000,000	
3 UL-Purchase Research Computing Infrastructure	7,000,000			7,000,000	
4 UL-Purchase Content Management System	4,000,000			4,000,000	
5 UL-Purchase Fiber Infrastructure	3,500,000			3,500,000	
6 UL-Purchase Security and Firewall Infrastructure	3,000,000			3,000,000	
7 UL-Purchase Computer Processing System & Storage	3,500,000			3,500,000	
8 UL-Purchase Identity Management	2,000,000			2,000,000	
Subtotal - UofL	\$ 51,000,000	\$ -	\$ -	\$ 51,000,000	\$ -
<b>Kentucky Community and Technical College System</b>					
1 KCTCS-Information Technology Pool	\$ 9,500,000	\$ 9,500,000			
Subtotal - KCTCS	\$ 9,500,000	\$ 9,500,000	\$ -	\$ -	\$ -
<b>Total Institutions</b>	<b>\$ 293,114,000</b>	<b>\$ 68,164,000</b>	<b>\$ -</b>	<b>\$ 184,950,000</b>	<b>\$ 40,000,000</b>
<b>Council on Postsecondary Education</b>					
1 CPE-College to Career Pathways Portal	\$ 2,000,000	\$ 2,000,000			
2 CPE-Upgrade KY Reg Optical Network Infrastructure	1,000,000	1,000,000			
Subtotal - CPE	\$ 3,000,000	\$ 3,000,000	\$ -	\$ -	\$ -
<b>System Total</b>	<b>\$ 296,114,000</b>	<b>\$ 71,164,000</b>	<b>\$ -</b>	<b>\$ 184,950,000</b>	<b>\$ 40,000,000</b>

Capital Projects Recommendations  
Agency Bond Projects  
2020-22

Institution/ Project Title	Project Scope	Agency Bonds	Institution or Other Funds	Revenue Stream For Debt Service	Anticipated Board Action	Status of Existing Fee	Est. Date to Issue Debt
<b>Eastern Kentucky University</b>							
1	EKU-Upgrade/Improve Athletics Facilities/Fields Pool	\$ 37,000,000	\$ 25,000,000	\$ 12,000,000	TBD		
2	EKU-Improve Campus Pedestrian, Parking and Transport	30,000,000	30,000,000		TBD	N/A	N/A
Subtotal - EKU		\$ 67,000,000	\$ 55,000,000	\$ 12,000,000			
<b>Kentucky State University</b>							
No projects requested							
Subtotal - KSU		\$ -	\$ -	\$ -			
<b>Morehead State University</b>							
1	MoSU-Capital Renewal & Maintenance Pool - Aux	\$ 4,539,000	\$ 4,539,000	\$ -	TBD		
2	MoSU-Comply with ADA - Auxiliary	2,034,000	2,034,000		TBD		
3	MoSU-Construct New Residence Hall	37,956,000	37,956,000		TBD		
4	MoSU-Construct New Volleyball Facility - Phase II	2,380,000	2,380,000		TBD		
5	MoSU-Renovate Alumni Tower Ground Floor	3,812,000	3,812,000		TBD		
6	MoSU-Renovate Cartmell Residence Hall	15,188,000	15,188,000		TBD		
7	MoSU-Replace Exterior Precast Panels at Nunn Hall	3,148,000	3,148,000		TBD		
8	MoSU-Replace Turf at Jacobs Field (football)	1,102,000	1,102,000		TBD		
Subtotal - MoSU		\$ 70,159,000	\$ 70,159,000	\$ -			
<b>Murray State University</b>							
1	MuSU-Capital Renewal & Building Modernization (pool match)	\$ 12,278,450	\$ 12,278,450		Asset Preservation funds	TBD	Approved CPE/Univ Bd
2	MuSU-Renovate Residence Hall or Replace	16,740,000	16,740,000		Housing Fees	TBD	Fees are in place now
3	MuSU-Renovate Residence Hall Electrical System	4,180,000	4,180,000		Housing Fees	TBD	Fees are in place now
4	MuSU-Renovate Residence Hall HVAC System	3,503,000	3,503,000		Housing Fees	TBD	Fees are in place now
5	MuSU-Renovate Residence Hall Interior	1,601,000	1,601,000		Housing Fees	TBD	Fees are in place now
6	MuSU-Replace Residence Hall Domestic Water Piping	1,143,000	1,143,000		Housing Fees	TBD	Fees are in place now
Subtotal - MuSU		\$ 39,445,450	\$ 39,445,450	\$ -			
<b>Northern Kentucky University</b>							
1	NKU-Renovate/Construct New Residence Halls	\$ 40,000,000	\$ 40,000,000		TBD		
2	NKU-Reconstruct West Side Parking Reauth	14,000,000	7,000,000	7,000,000	TBD		
3	NKU-Acquire Land/Master Plan 2010-2012 Reauth.	25,500,000	17,500,000	8,000,000	TBD		
Subtotal - NKU		\$ 79,500,000	\$ 64,500,000	\$ 15,000,000			
<b>Western Kentucky University</b>							
WKU-Construct Parking Structure IV/No Projects Requested							
Subtotal - WKU		\$ 25,000,000	\$ 25,000,000	\$ -			
<b>University of Kentucky</b>							
1	UK-Facilities Renewal & Modernization	\$ 250,000,000	\$ 125,000,000	\$ 125,000,000	TBD	TBD	TBD
2	UK-Construct Housing	50,000,000	50,000,000		TBD	TBD	TBD
3	UK-Acquire/Renovate Housing	75,000,000	40,000,000	35,000,000	TBD	TBD	TBD
4	UK-Renovate/Improve Housing	50,000,000	50,000,000		TBD	TBD	TBD
5	UKH-Renovate/Upgrade Healthcare Facilities	100,000,000	100,000,000		TBD	TBD	TBD
Subtotal - UK		\$ 525,000,000	\$ 365,000,000	\$ 160,000,000			
<b>University of Louisville</b>							
1	UL-Capital Renewal Replace & Upgrade Pool	\$ 100,000,000	\$ 50,000,000	\$ 50,000,000	TBD	TBD	TBD
2	UL-Demolish & Replace Miller Resident Hall	70,600,000	70,600,000		TBD	TBD	TBD
3	UL-Demolish and Replace Threlkeld Resident Hall	33,275,000	33,275,000		TBD	TBD	TBD
4	UL-Construct College of Business Building	120,000,000	40,000,000	80,000,000	TBD	TBD	TBD
Subtotal - UofL		\$ 323,875,000	\$ 193,875,000	\$ 130,000,000			
<b>System Total</b>		<b>\$ 1,129,979,450</b>	<b>\$ 812,979,450</b>	<b>\$ 317,000,000</b>			

**Capital Projects Recommendations  
Restricted Agency, Federal, and Other Funds and Capital Leases  
2020-2022**

Attachment C5  
November 2019

<b>Institution/ Project Title</b>	<b>Project Scope</b>	<b>General Fund</b>	<b>Institution Funds</b>	<b>Other Funds</b>	<b>Federal Funds</b>
<b>Eastern Kentucky University</b>					
1 EKU-Campus Infrastructure Upgrade	\$ 35,000,000	\$ -	\$ -	\$ 35,000,000	\$ -
2 EKU-Aviation Acquisition Pool	5,000,000		5,000,000		
3 EKU-Commonwealth Hall Partial Repurposing & Renovation	6,000,000		6,000,000		
4 EKU-Construct Alumni & Welcome Center	13,000,000			13,000,000	
5 EKU-Construct Early Childhood Center	4,200,000		4,200,000		
6 EKU-Construct Regional Health Facility	15,000,000				15,000,000
7 EKU-Construct Student Health Center	2,705,000			2,705,000	
8 EKU-Demolish Building Pool	40,000,000			40,000,000	
9 EKU-Guaranteed Energy Savings Performance Contracts	25,000,000			25,000,000	
10 EKU-Innovation and Commercialization Pool	15,000,000		5,000,000	10,000,000	
11 EKU-Miscellaneous Maintenance Pool 2020-2022	20,000,000		20,000,000		
12 EKU-Natural Areas Improvement Pool	825,000		825,000		
13 EKU-Property Acquisition Pool	6,000,000		3,000,000	3,000,000	
14 EKU-Repair/Replace Infrastructure/Bldg System Pool	20,000,000		20,000,000		
15 EKU-Replace & Renovate Student Housing	50,000,000			50,000,000	
16 EKU-Steam Line Upgrades	10,000,000			10,000,000	
17 EKU-Upgrade & Improve Residence Halls	10,000,000		10,000,000		
18 EKU-Upgrade & Improve Athletics Facilities	24,000,000		12,000,000	12,000,000	
19 EKU-Madison County Land Lease	-				
20 EKU-Madison County Student Housing Lease	-				
21 EKU-New Housing Space Lease	-				
22 EKU-Multi-Property Multi-Use Lease #1	-				
23 EKU-Multi-Property Multi-Use Lease #2	-				
Subtotal - EKU	\$ 301,730,000	\$ -	\$ 86,025,000	\$ 200,705,000	\$ 15,000,000
<b>Kentucky State University</b>					
1 KSU-Acquire Land/Campus Master Plan 2020	\$ 2,088,000	\$ -	\$ 1,088,000	\$ -	\$ 1,000,000
2 KSU-Construct New Residence Hall	55,562,000			55,562,000	
3 KSU-Lease Franklin County	-				
Subtotal - KSU	\$ 57,650,000	\$ -	\$ 1,088,000	\$ 55,562,000	\$ 1,000,000
<b>Morehead State University</b>					
1 MoSU-Acquire Land Related to Master Plan	\$ 4,000,000	\$ 4,000,000			
Subtotal - MoSU	\$ 4,000,000	\$ 4,000,000	\$ -	\$ -	\$ -
<b>Murray State University</b>					
1 MuSU-Repairs of Biology Building	\$ 4,000,000		\$ 4,000,000		
2 MuSU-Construct Residential Housing	66,000,000			66,000,000	
3 MuSU-Construct/Renovate Alternative Dining Facility (1-3)	12,000,000			12,000,000	
4 MuSU-Renovate Residence Hall or Replace	16,740,000			16,740,000	
5 MuSU-Renovate Residence Hall Electrical System	4,180,000			4,180,000	
6 MuSU-Renovate Residence Hall HVAC Systems	3,503,000			3,503,000	

**Capital Projects Recommendations  
Restricted Agency, Federal, and Other Funds and Capital Leases  
2020-2022**

Attachment C5  
November 2019

<b>Institution/ Project Title</b>	<b>Project Scope</b>	<b>General Fund</b>	<b>Institution Funds</b>	<b>Other Funds</b>	<b>Federal Funds</b>
7 MuSU-Renovate Residence Hall Interior	1,601,000			1,601,000	
8 MuSU-Replace Residence Hall Domestic Water Piping	1,143,000			1,143,000	
9 MuSU-Install CFSB Center Generator	1,541,000		1,541,000		
10 MuSU-Renovate Winslow Cafeteria	4,673,000		4,673,000		
11 MuSU-Acquire Agriculture Research Farm Land	1,200,000		600,000	600,000	
12 MuSU-Replace CFSB Center Seating	3,500,000			3,500,000	
13 MuSU-Acquire Property for Masterplan	4,000,000		4,000,000		
Subtotal - MuSU	\$ 124,081,000	\$ -	\$ 14,814,000	\$ 109,267,000	\$ -
<b>Northern Kentucky University</b>					
1 NKU-Renovate Brown Building (Reauth)	\$ 4,500,000		\$ 3,000,000	\$ 1,500,000	
2 NKU-Renovate/Expand Baseball Field Add'l Reauth	6,700,000	-		6,700,000	-
3 NKU-Renovate/Expand Civic Center Building	8,000,000			8,000,000	
4 NKU-Replace Event Center Technology	4,000,000			4,000,000	
5 NKU-Enhance Student Union	4,500,000		1,500,000	3,000,000	
6 NKU-Expand/Renovate Soccer Stadium	3,500,000			3,500,000	
7 NKU- Construct Research/Innovation Building Reauth	30,000,000			30,000,000	
8 NKU-Academic Space Lease	-		-		
9 NKU- Lease - Office Space	-		-		
Subtotal - NKU	\$ 61,200,000	\$ -	\$ 4,500,000	\$ 56,700,000	\$ -
<b>Western Kentucky University</b>					
1 WKU-Acquire FF&E Diddle Arena	3,000,000			3,000,000	
2 WKU-Acquire FF&E Equipment Pool 2020-2022	3,000,000		3,000,000		
3 WKU-Add Club Seating Diddle Arena	3,000,000			3,000,000	
4 WKU-Construct Baseball Grandstand	4,500,000			4,500,000	
5 WKU-Construct Football Pressbox	5,200,000			5,200,000	
6 WKU-Construct Indoor Athletic Training Facility	20,000,000			20,000,000	
7 WKU-Construct South Plaza	3,600,000			3,600,000	
8 WKU-Demolish Foundation Building/Improve Site	3,000,000			3,000,000	
9 WKU-Energy Saving Performance Contracting	10,000,000			10,000,000	
10 WKU-Expand Track & Field Facilities	4,700,000			4,700,000	
11 WKU-Purchase Property for Campus Expansion 2020-2022	3,000,000		3,000,000		
12 WKU-Purchase Property/Parking & Street Improve 2020-2022	3,000,000		3,000,000		
13 WKU-Remove & Replace Student Housing @ Farm	1,500,000			1,500,000	
14 WKU-Renovate & Improve Softball Complex	3,500,000			3,500,000	
15 WKU-Renovate & Expand Clinical Education Complex	8,000,000			8,000,000	
16 WKU-Renovate & Expand Innovation Campus (CRD)	80,000,000			80,000,000	
17 WKU-Renovate CRD Phase I	6,000,000		6,000,000		
18 WKU-Renovate Police Department	2,000,000		2,000,000		
19 WKU-Renovate South Campus	5,000,000		5,000,000		
20 WKU-Renovate State/Normal Street Properties	1,500,000		1,500,000		
21 WKU-Renovate Tate Page Hall	1,200,000		1,200,000		
Subtotal - WKU	\$ 174,700,000	\$ -	\$ 24,700,000	\$ 150,000,000	\$ -

**Capital Projects Recommendations  
Restricted Agency, Federal, and Other Funds and Capital Leases  
2020-2022**

Attachment C5  
November 2019

<b>Institution/ Project Title</b>	<b>Project Scope</b>	<b>General Fund</b>	<b>Institution Funds</b>	<b>Other Funds</b>	<b>Federal Funds</b>
<b>University of Kentucky</b>					
1 UK-Acquire Land	\$	50,000,000	\$	50,000,000	
2 UK-Acquire/Improve Administrative Facility		10,000,000		10,000,000	
3 UK-Acquire Information Technology Systems		2,000,000			2,000,000
4 UK-Acquire/Improve Golf Facility		6,000,000			6,000,000
5 UK-Acquire Equipment & Furnishings Pool		5,000,000			5,000,000
6 UK-ADA Compliance Pool		5,000,000		5,000,000	
7 UK-Construct Childcare Center Facility		10,000,000		10,000,000	
8 UK-Construct College of Medicine Building		200,000,000		200,000,000	
9 UK-Construct Cross Country Trail		3,000,000			3,000,000
10 UK-Construct Digital Village Building #3		70,000,000			70,000,000
11 UK-Construct Digital Village Building #3		70,000,000		70,000,000	
12 UK-Construct Engineering Center Building		110,000,000		110,000,000	
13 UK-Construct Equine Campus, Phase 2		11,000,000		11,000,000	
14 UK-Construct Facilities Shops & Storage Facility		27,000,000		27,000,000	
15 UK-Construct Indoor Track		20,000,000			20,000,000
16 UK-Construct Indoor Track		20,000,000		20,000,000	
17 UK-Construct Library Depository Facility		20,000,000		20,000,000	
18 UK-Construct Library/Knowledge Center		237,000,000		237,000,000	
19 UK-Construct Metal Arts/Digital Media Building		10,000,000		10,000,000	
20 UK-Construct N. Farm Agricultural Research Facility		2,000,000		2,000,000	
21 UK-Construct New Alumni Center		38,000,000			38,000,000
22 UK-Construct Office Park at Coldstream		65,000,000			65,000,000
23 UK-Construct Police Headquarters		27,000,000		27,000,000	
24 UK-Construct Research/Incubator Facility		20,000,000		20,000,000	
25 UK-Construct Retail/Parking Facility 1		75,000,000			75,000,000
26 UK-Construct Retail/Parking Facility 2		75,000,000			75,000,000
27 UK-Construct Student Housing (RA)		150,000,000		50,000,000	100,000,000
28 UK-Construct Teaching Pavillion		28,000,000		28,000,000	
29 UK-Construct Tennis Facility		30,000,000		15,000,000	15,000,000
30 UK-Construct/Fit-Up Retail Space		5,000,000			5,000,000
31 UK-Construct/Fit-Up Retail Space		10,000,000		10,000,000	
32 UK-Construct/Improve Athletics Facility		5,000,000			5,000,000
33 UK-Construct/Improve Athletics Playing Fields 1		3,000,000			3,000,000
34 UK-Construct/Improve Athletics Playing Fields 2		3,000,000			3,000,000
35 UK-Construct/Improve Campus Recreation Field 1		5,000,000		5,000,000	
36 UK-Construct/Improve Campus Recreation Field 2		5,000,000		5,000,000	
37 UK-Construct/Improve Campus Recreation Field 3		5,000,000		5,000,000	
38 UK-Construct/Improve Facilities Office Building		55,000,000		55,000,000	
39 UK-Construct/Improve Greek Housing		72,000,000		36,000,000	36,000,000
40 UK-Construct/Improve Parking I		30,000,000		30,000,000	
41 UK-Construct/Improve Parking II		30,000,000		30,000,000	

**Capital Projects Recommendations  
Restricted Agency, Federal, and Other Funds and Capital Leases  
2020-2022**

Attachment C5  
November 2019

<b>Institution/ Project Title</b>	<b>Project Scope</b>	<b>General Fund</b>	<b>Institution Funds</b>	<b>Other Funds</b>	<b>Federal Funds</b>
42 UK-Construct/Improve Recreation Quad 1	15,000,000		15,000,000		
43 UK-Construct/Relocate Data Center	50,000,000		50,000,000		
44 UK-Construct/Improve Gymnastic Practice Facility	10,000,000			10,000,000	
45 UK-Decommission Facilities	30,000,000		30,000,000		
46 UK-Expand KGS Well Sample & Core Repository	6,000,000		6,000,000		
47 UK-Improve Patterson Hall	12,000,000		12,000,000		
48 UK-Expand/Improve Barnhart Building	40,000,000			40,000,000	
49 UK-Expand/Improve Cooper House	4,000,000		4,000,000		
50 UK-Expand/Improve Johnson Center	30,000,000		30,000,000		
51 UK-Expand/Improve Kastle Hall	43,000,000		43,000,000		
52 UK-Expand/Improve LTS Facility	20,000,000		20,000,000		
53 UK-Guaranteed Energy Performance Contract - General	1,000,000		1,000,000		
54 UK-Improve Academic Facility 1	16,000,000		16,000,000		
55 UK-Improve Academic/Administrative Space 1	10,000,000		10,000,000		
56 UK-Improve Academic/Administrative Space 2	10,000,000		10,000,000		
57 UK-Improve Academic/Administrative Space 3	10,000,000		10,000,000		
58 UK-Improve Academic/Administrative Space 4	10,000,000		10,000,000		
59 UK-Improve Athletics Facility 1	10,000,000			10,000,000	
60 UK-Improve Athletics Facility 2	10,000,000			10,000,000	
61 UK-Improve Athletics Facility 3	6,000,000			6,000,000	
62 UK-Improve Athletics Facility 4	5,000,000			5,000,000	
63 UK-Improve Athletics Facility 5	5,000,000			5,000,000	
64 UK-Improve Baseball Facility Phase II	5,000,000			5,000,000	
65 UK-Improve CAER Facilities	75,000,000		75,000,000		
66 UK-Improve Campus Infrastructure	5,000,000		5,000,000		
67 UK-Improve Campus Parking & Transportation System	150,000,000		150,000,000		
68 UK-Improve Dentistry Facility	25,000,000		25,000,000		
69 UK-Improve DLAR Facilities	10,000,000		10,000,000		
70 UK-Improve Jacobs Science Building	32,000,000		32,000,000		
71 UK-Improve Joe Craft Center	5,000,000			5,000,000	
72 UK-Improve Joe Craft Football Practice Facility	2,000,000			2,000,000	
73 UK-Improve Kroger Field Stadium	7,000,000			7,000,000	
74 UK-Improve Lancaster Aquatic Center 1	12,000,000			12,000,000	
75 UK-Improve Lancaster Aquatic Center 2	8,000,000			8,000,000	
76 UK-Improve Life Safety	15,000,000		15,000,000		
77 UK-Improve McVey Hall	35,000,000		35,000,000		
78 UK-Improve Mechanical Infrastructure	26,000,000		26,000,000		
79 UK-Improve Med Center Library	12,000,000		12,000,000		
80 UK-Improve Medical Plaza	5,000,000		5,000,000		
81 UK-Improve Memorial Coliseum	65,000,000			65,000,000	
82 UK-Improve Memorial Hall	13,000,000		13,000,000		
83 UK-Improve Nutter Field House	2,000,000			2,000,000	
84 UK-Improve Nutter Training Facility	5,000,000			5,000,000	

**Capital Projects Recommendations  
Restricted Agency, Federal, and Other Funds and Capital Leases  
2020-2022**

Attachment C5  
November 2019

<b>Institution/ Project Title</b>	<b>Project Scope</b>	<b>General Fund</b>	<b>Institution Funds</b>	<b>Other Funds</b>	<b>Federal Funds</b>
85 UK-Improve Parking Garage 1	30,000,000		30,000,000		
86 UK-Improve Parking Garage 2	30,000,000		30,000,000		
87 UK-Improve Seaton Center	6,000,000		6,000,000		
88 UK-Improve Senior Center	2,000,000		2,000,000		
89 UK-Improve Soccer/Softball Facility	5,000,000			5,000,000	
90 UK-Improve Spindletop Hall Facilities	15,000,000		15,000,000		
91 UK-Improve Student Center Space 2	25,000,000		25,000,000		
92 UK-Improve Student Center Space 3	20,000,000		20,000,000		
93 UK-Improve University Storage Facility	12,000,000		12,000,000		
94 UK-Improve W.T. Young Facility	5,000,000		5,000,000		
95 UK-Improve Wildcat Coal Lodge	10,000,000			10,000,000	
96 UK-Improve Willard Medical Education Building	20,000,000		20,000,000		
97 UK-Relocate/Replace Greenhouses	3,000,000		3,000,000		
98 UK-Renovate Space for a Testing Center	5,000,000		5,000,000		
99 UK-Repair Emergency Infrastructure/Bldg Systems	25,000,000		25,000,000		
100 UK-Repair/Upgrade/Expand Central Plants	112,000,000		112,000,000		
101 UK-Upgrade Dining Facilities (RA)	20,000,000		10,000,000	10,000,000	
102 UK-Upgrade/Renovate/Expand Research Labs	50,000,000		50,000,000		
103 UKH-Acquire Data Center Hardware -UKHC	15,000,000		15,000,000		
104 UKH-Acquire/Improve/Clinical Administrative Facility 1	50,000,000		50,000,000		
105 UKH-Acquire/Improve Clinical Administrative Facility 2	25,000,000		25,000,000		
106 UKH-Acquire/Improve Elevator Systems UKHC	15,000,000		15,000,000		
107 UKH-Acquire Medical Facility 1	50,000,000		50,000,000		
108 UKH-Acquire Medical Facility 2	50,000,000		50,000,000		
109 UKH-Acquire Telemedicine/Virtual ICU	10,000,000		10,000,000		
110 UKH-Acquire/Upgrade IT System UKHC	10,000,000		10,000,000		
111 UKH-Construct Ambulatory Facility UKHC	50,000,000		50,000,000		
112 UKH-Construct Clinical/Administrative Facility 1	50,000,000		50,000,000		
113 UKH-Construct Clinical/Administrative Facility 2	30,000,000		30,000,000		
114 UKH-Construct Data Center UKHC	45,000,000		45,000,000		
115 UKH-Construct Hospice Facility UKHC	5,000,000		5,000,000		
116 UKH-Construct/Expand/Renovate Ambulatory Care UKHC	20,000,000		20,000,000		
117 UKH-Construct/Improve Clinical/Adm Facilities UKHC	15,000,000		15,000,000		
118 UKH-Implement Energy Performance Contracting	1,000,000		1,000,000		
119 UKH-Implement Land Use Plan UKHC	60,000,000		60,000,000		
120 UKH-Implement Patient Communication System UKHC	10,000,000		10,000,000		
121 UKH-Improve Building Systems-UKHC	50,000,000		50,000,000		
122 UKH-Improve Clinical/Ambulatory Services Facilities	50,000,000		50,000,000		
123 UKH-Improve Good Samaritan Hospital Facilities	25,000,000		25,000,000		
124 UKH-Improve Markey Cancer Center	20,000,000		20,000,000		
125 UKH-Improve Medical Facility 1	25,000,000		25,000,000		
126 UKH-Improve Medical Facility 2	25,000,000		25,000,000		
127 UKH-Improve Parking/Transportation Systems UKHC	75,000,000		75,000,000		

**Capital Projects Recommendations**  
**Restricted Agency, Federal, and Other Funds and Capital Leases**  
**2020-2022**

Attachment C5  
November 2019

<b>Institution/ Project Title</b>	<b>Project Scope</b>	<b>General Fund</b>	<b>Institution Funds</b>	<b>Other Funds</b>	<b>Federal Funds</b>
128 UKH-Improve Parking/Transportation Systems UKHC	75,000,000			75,000,000	
129 UKH-Improve UKHC Facilities UK Chandler Hospital	310,000,000		310,000,000		
130 UKH-Renovate Nursing Units UKHC	7,000,000		7,000,000		
131 UKH-Replace UKHC IT Systems 1	320,000,000		320,000,000		
132 Fayette Co - Lease Space Off Campus #1	-				
133 Fayette Co - Lease Space Off Campus #3	-				
134 Fayette Co - Lease Space Off Campus #4	-				
135 Undetermined Co - Lease Space Off Campus #6	-				
136 Fayette Co - Lease Off Campus #7	-				
137 Fayette Co - Lease Off Campus #8	-				
138 Undetermined Co - Lease Off Campus #9	-				
139 Undetermined Co - Lease Off Campus #10	-				
140 Fayette Co - Lease Off Campus #11	-				
141 Fayette Co - Lease Off Campus #12	-				
142 Fayette Co - Lease Off Campus #13	-				
143 Undetermined Co - Lease Grant Projects #1	-				
144 Undetermined Co - Lease Grants Projects #2	-				
145 Undetermined Co - Lease Grants Projects #3	-				
146 Fayette Co - Lease Administrative Space	-				
147 Fayette Co - Lease - Off Campus Housing #1	-				
148 Fayette Co - Lease - Off Campus Housing #2	-				
149 Undetermined - Lease College of Medicine 3	-				
150 Undetermined - Lease College of Medicine 4	-				
151 Undetermined - Lease College of Medicine 5	-				
152 Fayette Co - Lease - Off Campus Athletics 1	-				
153 Fayette Co - Lease - Off Campus Athletics 2	-				
154 Undetermined Co - Lease Health Affairs Office	-				
155 Undetermined Co.- Lease Health Affairs Office #3	-				
156 Undetermined Co - Lease Health Affairs Office #5	-				
157 Undetermined Co - Lease Health Affairs Office #11	-				
158 Undetermined Co - Lease Health Affairs Office #12	-				
159 Undetermined Co - Lease Health Affairs Office #14	-				
160 Undetermined Co - Lease Health Affairs Office #15	-				
161 Undetermined Co - Lease UKHC Grant Projects #1	-				
162 Undetermined Co - Lease UKHC Grant Projects #2	-				
163 Undetermined Co - Lease UKHC Off-Campus Fac #1	-				
164 Undetermined Co - Lease UKHC Off-Campus Fac #4	-				
165 Undetermined Co - Lease UKHC Off-Campus Fac #6	-				
166 Undetermined Co - Lease UKHC Off-Campus Fac #7	-				
167 Undetermined Co - Lease UKHC Off-Campus Fac #8	-				
168 Undetermined Co - Lease UKHC Off-Campus Fac #9	-				
169 Undetermined Co - Lease UKHC Off-Campus Fac #10	-				
170 Undetermined Co - Lease UKHC Off-Campus Fac #11	-				

**Capital Projects Recommendations  
Restricted Agency, Federal, and Other Funds and Capital Leases  
2020-2022**

Attachment C5  
November 2019

<b>Institution/ Project Title</b>	<b>Project Scope</b>	<b>General Fund</b>	<b>Institution Funds</b>	<b>Other Funds</b>	<b>Federal Funds</b>
171 Undetermined Co - Lease UKHC Off-Campus Fac #12	-				
172 Fayette Co - Lease - Off Campus #2 (RA)	-				
173 Fayette Co - Lease - Off Campus #5 (RA)	-				
174 Fayette Co - Lease Health Affairs Office #2 (RA)	-				
175 Fayette Co - Lease Health Affairs Office #4 (RA)	-				
176 Fayette Co - Lease Health Affairs Office #6 (RA)	-				
177 Fayette Co - Lease Health Affairs Office #7 (RA)	-				
178 Fayette Co - Lease Health Affairs Office #8 (RA)	-				
179 Fayette Co - Lease Health Affairs Office #9 (RA)	-				
180 Fayette Co - Lease Health Affairs Office #10 (RA)	-				
181 Fayette Co - Lease Health Affairs Office #13 (RA)	-				
182 Fayette Co - Lease Space Good Sam - Hospital (RA)	-				
183 Fayette Co - Lease UKHC Off-Campus Fac #2 (RA)	-				
184 Scott Co. - Lease UKHC Off-Campus Fac #3 (RA)	-				
185 Fayette Co - Lease UKHC Off-Campus Fac #5 (RA)	-				
186 Warren County - College of Medicine 1 (RA)	-				
187 Campbell County - College of Medicine 2 (RA)	-				
Subtotal - UK	\$ 4,379,000,000	\$ -	\$ 3,556,000,000	\$ 823,000,000	\$ -

**University of Louisville**

1 UL-Renovate School of Medicine Building 55A	\$ 42,000,000	\$ 42,000,000	
2 UL-Renovate HSC Instructional & Student Services Space	20,000,000	20,000,000	
3 UL-Upgrade Regional Biocontainment Lab Pressurization	10,869,000	10,869,000	
4 UL-Renovate & Adaption Projects for Various Buildings	50,000,000	50,000,000	
5 UL-Renovate New Vivarium in 55A Building	8,000,000	8,000,000	
6 UL-Construct Public/Private Partnership Residence Hall	51,000,000		51,000,000
7 UL-Renovate & Expand J.B. Speed Building	18,700,000	18,700,000	
8 UL-Renovate Natural Science Building	30,000,000	30,000,000	
9 UL-Renovate Vivarium Facilities	75,000,000	75,000,000	
10 UL-Construct Plant Based Pharmaceutical Research Facility	1,700,000	1,700,000	
11 UL-Renovate Life Sciences Building Vivarium	3,471,000	3,471,000	
12 UL-Renovate Chemistry Fume Hood Redesign, Ph II	9,750,000	9,750,000	
13 UL-Renovate College of Business Classrooms	2,000,000	2,000,000	
14 UL-Expand Auto Book Storage Retrivel System	4,900,000	4,900,000	
15 UL-Implement Vivarium Equipment Pool	20,000,000	20,000,000	
16 UL-Expand Jim Patterson Stadium	9,500,000		9,500,000
17 UL-Replace Electronic Video Boards	2,000,000		2,000,000
18 UL-Renovate Dental School Administrative Space	1,000,000	1,000,000	
19 UL-Renovate Chemistry Teaching Labs/Auditorium	3,960,000	3,960,000	
20 UL-Construct Multidisciplinary Engineering Bldg #1	65,000,000	65,000,000	
21 UL-Construct Utility Infrastructure Upgrade	21,975,000	21,975,000	
22 UL-Improve Housing Facilities Pool	10,000,000	10,000,000	
23 UL-Renovate Parking Structures	3,600,000	3,600,000	

**Capital Projects Recommendations**  
**Restricted Agency, Federal, and Other Funds and Capital Leases**  
**2020-2022**

Attachment C5  
November 2019

<b>Institution/ Project Title</b>	<b>Project Scope</b>	<b>General Fund</b>	<b>Institution Funds</b>	<b>Other Funds</b>	<b>Federal Funds</b>
24	UL-Renovate Resurface & Repair Parking Lot		2,500,000		
25	UL-Construct Belknap 3rd Street Improvements		2,180,000		
26	UL-Construct Belknap Stormwater Improvements		5,000,000		
27	UL-Construct Artificial Turf Field for Intramural		1,215,000		
28	UL-Renovate Flexner Way Mall		2,500,000		
29	UL-Renovate Belknap Physical Plant Building		2,000,000		
30	UL-Purchase Land		15,000,000		
31	UL-Renovate Ekstrom Library		57,200,000		
32	UL-Replacement - Building HVAC		25,000,000		
33	UL-Dormitory Acquisition		41,148,845		
34	UL-Renovation of K building - Nursing School		11,380,000		
35	UL-Renovate College of Education HVAC Upgrade		5,456,000		
36	UL-Improve/Replace Law School HVAC		6,715,000		
37	UL-Renovate Speed School Research Building		5,000,000		
38	UL-Construct Shelbyst Academic Bldg & Conf Center		50,596,000		
39	UL-Construct Belknap West Campus Parking Garage		34,229,000		
40	UL-Construct Belknap Century Corridor Improvement		1,250,000		
41	UL-Purchase Housing Facilities		75,000,000		
42	UL-Lease Housing Facilities		10,000,000		
43	UL-Public/Private Partnership		17,202,000		
44	UL-Renovate - Ville Grill		1,200,000		17,202,000
45	UL-Construct Athletics Office Building		7,500,000		7,500,000
46	UL-Construct Athletic Grounds Building		1,550,000		1,550,000
47	UL-Install New Football Practice Field Lighting		2,000,000		2,000,000
48	UL-Replace Artificial Turf Field III		1,250,000		1,250,000
49	UL-Replace Artificial Turf Field IV		1,250,000		1,250,000
50	UL-Expand Ulmer Softball Stadium/Const Indoor Fac		8,000,000		8,000,000
51	UL-Construct Wright Natatorium		25,000,000		25,000,000

**Capital Projects Recommendations  
Restricted Agency, Federal, and Other Funds and Capital Leases  
2020-2022**

Attachment C5  
November 2019

<b>Institution/ Project Title</b>	<b>Project Scope</b>	<b>General Fund</b>	<b>Institution Funds</b>	<b>Other Funds</b>	<b>Federal Funds</b>	
52	UL-Expand Basketball/Lacrosse Practice Facility		10,000,000		10,000,000	
53	UL-Expand Marshall Center Complex		5,000,000		5,000,000	
54	UL-Renovate Cardinal Football Stadium		10,000,000		10,000,000	
55	UL-Renovate Cardinal Park		3,000,000		3,000,000	
56	UL-Renovate Bass Rudd Tennis Center		3,000,000		3,000,000	
57	UL-Renovate Garvin Brown Boathouse		27,000,000	25,000,000	2,000,000	
58	UL-Renovate Marshall Center		1,000,000		1,000,000	
59	UL-Expand and Renovate Wright Natatorium		10,000,000		10,000,000	
60	UL-Renovate Golf Club Shelby County		1,000,000		1,000,000	
61	UL-Renovate Lynn Soccer Stadium		1,000,000		1,000,000	
62	UL-Renovate Thornton's Academic Center		1,000,000		1,000,000	
63	UL-Renovate Trager Football Practice Facility		1,000,000		1,000,000	
64	UL-Renovate Patterson Baseball Stadium		1,000,000		1,000,000	
65	UL-Guaranteed Energy Savings Contract		10,000,000	10,000,000		
66	UL-Implement Capital Renewal for Athletic Venues		7,500,000		7,500,000	
67	UL-Implement Cardinal Stadium WiFi		4,000,000		4,000,000	
68	UL-Construct Practice Bubble		4,000,000		4,000,000	
69	UL-Indoor Facility		15,000,000		15,000,000	
70	UL-Renovation Cardinal Stadium Club Upgrades		2,000,000		2,000,000	
71	UL-Demolosh and Construct - Golf Maintenance/Chemical Bldg		2,000,000		2,000,000	
72	UL-Construct - Athletics Village		90,000,000		90,000,000	
73	UL-Replace Seats in Athletic Venues		7,000,000		7,000,000	
74	UL-Athletics Enhancement at new dorimitory		2,000,000		2,000,000	
Subtotal - UofL		\$ 1,100,246,845	\$ -	\$ 791,494,845	\$ 308,752,000	\$ -

**Kentucky Community and Technical College System**

1	KCTCS-Acquisition/Improve Parking Lots Jefferson CTC		5,000,000	5,000,000		
2	KCTCS-Construct Fire Commission System Office Building		7,500,000	7,500,000		
3	KCTCS-Construct /Procure Transportation Ctr- Elizabethtown		5,000,000	5,000,000		
4	KCTCS-Construct Technology Dr Campus - Ashland CTC		12,500,000		12,500,000	
5	KCTCS-Equipment Pool		5,000,000	5,000,000		
6	KCTCS-Property Acquisition Pool		5,000,000	5,000,000		
7	KCTCS-Renovate Newtown Campus North Bldgs - Blurgrass CTC		4,900,000	4,900,000		
8	KCTCS-Renovate Dental Hygiene - Big Sandy CTC (Mayo)		3,000,000		3,000,000	
9	KCTCS-Renovate Parking Lot & Sidewalks - West KY CTC		2,100,000	2,100,000		
10	KCTCS-Upgrade IT Infrastructure - Gateway CTC		1,500,000	1,500,000		
11	KCTCS-Upgrade Welding Shop - Big Sandy (Mayo)		1,500,000	1,500,000		
12	KCTCS-Renovate for Adv. Manufacturing & Construction Ctr - Hazard		4,900,000	1,000,000	3,900,000	
13	KCTCS-Renovate Industrial Education Bldg - Hazard CTC		2,500,000		2,500,000	
14	KCTCS-Lease Bullit County Campus - Jefferson CTC		-			
15	KCTCS-Lease Jefferson Education Center - Jefferson CTC		-			
16	KCTCS-Lease KCTCS System Office		-			
17	KCTCS-Lease Rowan County - Maysville CTC		-			
18	KCTCS-Lease Hardin County - Elizabethtown CTC		-			
Subtotal - KCTCS		\$ 60,400,000	\$ -	\$ 38,500,000	\$ 15,500,000	\$ 6,400,000

Capital Projects Recommendations  
 Restricted Agency, Federal, and Other Funds and Capital Leases  
 2020-2022

Attachment C5  
 November 2019

<b>Institution/ Project Title</b>	<b>Project Scope</b>	<b>General Fund</b>	<b>Institution Funds</b>	<b>Other Funds</b>	<b>Federal Funds</b>
<b>Council on Postsecondary Education</b>					
1 CPE - Leased Space	\$ -	\$ -	\$ -	\$ -	\$ -
<b>System Total</b>	<b>\$ 6,263,007,845</b>	<b>\$ 4,000,000</b>	<b>\$ 4,517,121,845</b>	<b>\$ 1,719,486,000</b>	<b>\$ 22,400,000</b>

**Capital Projects Recommendations  
Guaranteed Energy Savings/Performance Contracting Projects  
2020-22**

Attachment C6  
November 2019

<b>Institution and Project Title</b>	<b>Project Scope<sup>1</sup></b>
1 Eastern Kentucky University	N/A
2 Kentucky State University	N/A
3 Morehead State University	N/A
4 Murray State University	N/A
5 Northern Kentucky University	N/A
6 Western Kentucky University	N/A
7 University of Kentucky - Main Campus	N/A
8 University of Kentucky - Hospital	N/A
9 University of Louisville	N/A
10 Kentucky Community and Technical College System	N/A

**Note:**

<sup>1</sup> A project scope is not required for a project in this category.