CAPITAL IT PROJECT REVIEW 2026-2032

INFORMATION TECHNOLOGY PROJECT RECOMMENDATIONS

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This handout provides an overview of the Capital Information Technology (IT) Projects that were evaluated, scored, and ranked for inclusion in the 2026–2028 biennium. The evaluation process was conducted under the oversight of the Commonwealth Office of Technology (COT), which ensures that proposed IT investments align with statewide strategic goals, improve operational efficiency, and deliver value to the Commonwealth.

EMERGENCY RADIO SYSTEM REPLACEMENT – ADDITIONAL

Cabinet:

Justice and Public Safety Cabinet

Agency:

Kentucky State Police

Project Budget:

$107,427,000 (General)

Project Description:

Statewide Radio System Phase III Cont. - Completion of the replacement of the antiquated emergency radio system infrastructure for first responders in Kentucky and creation of KY SERVS. The current equipment is more than 20 years old and no longer manufactured or supported by the equipment manufacturers. The project includes the replacement of equipment located at remote tower sites including base stations, antenna systems, backhaul equipment and all associated planning and project management. A final 25 additional towers will be constructed to support the network and ensure system coverage across the Commonwealth, and existing KEWS towers will require improvements, lease renewals, or be replacement by newly constructed towers. The price of vendor-specific equipment and civil construction has greatly increased since the inception of this project, requiring additional supplements for Phase III.

LEGACY MODERNIZATION PHASE II

Cabinet:

Finance and
Administration Cabinet

Agency:

Commonwealth Office
of Technology

Project Budget:

$10,000,000 (General)

Project Description:

Legacy Modernization Funding allows agencies to upgrade unsupported IT systems; migrate to new, robust and secure IT systems; improve features and functionalities for constituents and others doing business with the Commonwealth; eliminates security and compliance risks identified in running an outdated system; replace technology that no longer functions; or improve processes of essential business functions of a cabinet/agency.

KET PRODUCTION SYSTEMS ATSC 3.0 CONVERSION PHASE 4 2026-28

Cabinet:

Education and Labor Cabinet

Agency:

Kentucky Educational Television

Project Budget:

$13,000,000 (General)

Project Description:

KET's Production infrastructure in the Lexington network center was upgraded in phases between 2009 and 2018. These computer-based systems will be 10 to 19 years old in the 2026-28 biennium. This equipment is rapidly exceeding end-of-life with failures becoming much more frequent (including during live broadcasts).

STATE LABOR EXCHANGE SYSTEM FOR WORKFORCE DEV

Cabinet:

Education and Labor Cabinet

Agency:

Workforce Development

Project Budget:

$3,938,000 (General)

Project Description:

This project will document the location and condition of communications cable (primarily telephone cable and fiber data cable) and coax cable (TV), both underground and aerial. This project will also document details and condition of wiring closets including all communications and TV cable. This project shall create detailed planning to include cost estimates required to replace aging cable, and upgrade/restructure wiring closets. This project shall include a plan to maintain infrastructure cabling over the coming years. This project will impact all resort parks and select larger recreation parks. Current cable infrastructure is in excess of 30 years old and has become extremely unreliable. The cable shall be replaced with a data grade cable capable of VOIP and high-speed transmission.

PARKS COMMUNICATION INFRASTRUCTURE UPGRADES

Cabinet:

Tourism, Arts and Heritage Cabinet

Agency:

Department of Parks

Project Budget:

$6,000,000 (General)

Project Description:

This project will document the location and condition of communications cable (primarily telephone cable and fiber data cable) and coax cable (TV), both underground and aerial. This project will also document details and condition of wiring closets including all communications and TV cable. This project shall create detailed planning to include cost estimates required to replace aging cable, and upgrade/restructure wiring closets. This project shall include a plan to maintain infrastructure cabling over the coming years. This project will impact all resort parks and select larger recreation parks. Current cable infrastructure is in excess of 30 years old and has become extremely unreliable. The cable shall be replaced with a data grade cable capable of VOIP and high-speed transmission.

ENTERPRISE HUMAN RESOURCES INFORMATION SYSTEM

Cabinet:

Personnel Cabinet

Agency:

Personnel Cabinet

Project Budget:

$151,069,000 (General)

Project Description:

Replacement of the Kentucky Human Resource Information System (KHRIS). KHRIS, implemented in 2011, powered by SAP software, is an on-premises Human Capital Management system that facilitates HR, payroll and/or benefits for all 3 branches of government, 48,000+ employees, 24 local elected officials and their employees, and over 265,000 benefits members and dependents. A change in SAP's technical roadmap for the version of SAP software utilized by KHRIS eliminates the vendor's mainstream support for SAP ECC 6.0 Enhancement Pack (EHP) 6,7, or 8) products effective December 31, 2027. SAP may provide an optional extended support option, at an incremental cost, through December 31, 2030.

KET CAPITOL PRODUCTION CENTER MAINTENANCE POOL

Cabinet:

Education and Labor Cabinet

Agency:

Kentucky Educational Television

Project Budget:

$1,000,000 (General)

Project Description:

Utilizing the statewide broadcast network, KET provides access to several functions of state government. Supreme Court proceedings, Legislative committee meetings, House and Senate chamber sessions, live productions such as Kentucky Tonight and Kentucky Edition are some of the important Frankfort-based events shared through KET. The ongoing maintenance and replacement of this equipment is critical to the continued reliable coverage and operations of this important facility.

NEW ADULT ED AND FAMILY LITERACY MIS

Cabinet:

Education and Labor Cabinet

Agency:

Workforce Development

Project Budget:

$3,675,000 (General)

Project Description:

A new MIS is needed to enhance program efficiency, improve decision-making, and address the limitations of the current system. The new system will provide better data integration, streamline data migration, improve the processing of data, provide agility to NRS reporting changes, and improve scalability to support growing program needs. Additionally, a homegrown MIS can adapt to advancements in technology quickly and ensure compliance with program regulations and technology industry standards while offering user-friendly interfaces to boost productivity and collaboration across OAE programs and departments.

AASHTOWARE

Cabinet:

Transportation Cabinet

Agency:

Secretary's Office/All Other (TC)

Project Budget:

$2,400,000 (Road)

Project Description:

KYTC currently subscribes to multiple AASHTOWare modules and applications including AASHTOWare Project, AASHTOWare Safety, Bridge Maintenance, Bridge Rating, Civil Rights & Labor, and Pavement. KYTC utilizes these AASHTOWare applications to manage multiple needs of the Cabinet including construction procurement bid package preparation, meet FHWA mandates, reporting on safety conditions, and recording bridge and tunnel inspection data. The FHWA has issued sweeping changes in what bridge data is captured as well as how it is captured. This change specifically calls for a large upgrade effort that effects multiple reporting areas.

KSP - TELECOMMUNICATOR TECHNOLOGY UPGRADE PROJECT PH2

Cabinet:

Justice and Public Safety Cabinet

Agency:

Kentucky State Police

Project Budget:

$3,500,000 (General)

Project Description:

Phase 2 of the telecommunicator technology upgrade will include upgrades to six (6) posts. Technology in KSP's Dispatch Centers at the Posts is vital in assisting the public in the Commonwealth and providing life-saving aid by dispatching first responders to many events throughout the year.

The computers provide CAD/NCIC access, Radio Communication, 911/Phone Communication, and mapping/backup CAD functionality. New technology eliminates the extra noise and heat from the dispatch center, provides more physical space for the console area for the telecommunicator, and allows the telecommunicator to have only 1 keyboard and mouse instead of 4 separate ones.

ENTERPRISE APPLICATION AND ARTIFICIAL INTELLIGENCE (AI) INVENTORY SYSTEM

Cabinet:

Finance and Administration Cabinet

Agency:

Commonwealth Office of Technology

Project Budget:

$6,000,000 (General)

Project Description:

There are currently thousands of IT applications in-use across the Commonwealth's Executive Branch. COT has visibility in the initial procurement through the SPR1 process and provides additional approvals through the Kentucky Information Technology Standards (KITS) program, however after initial procurement of the application, ongoing visibility and tracking of the application is not housed in a centralized platform. The benefits of implementing as Enterprise Application and Artificial Intelligence (AI) Inventory System would be:

•Enhancing the efficiency, transparency, and management of IT applications and data across the Executive Branch in alignment with KRS 42.276.

•Regardless of the platform an application is hosted, provides better visibility in the types of data that is being stored, processed, and accessed.

•Allow COT to build better technology roadmaps and understand what types of hardware investments will be required in the future.

•Will allow COT and executive branch agencies to better prepare when operating systems, databases, software, and security products are announced the become end of life/end of support, preventing the number of outdated, legacy systems and legacy "abandonware".

•Allows COT to govern and monitor where and how AI interacts with agency applications and data.

•Catalog all applications and the classification of data housed to better assist in the many audits the Commonwealth endures on a regular basis.

•Enhanced visibility of applications and types of data affected in the event of a change, outage, or cybersecurity incident.

Additionally, it would meet the COT requirements outlined 25RS SB4, HB280, and HB672.

COMPUTER MODERNIZATION-UPGRADE TECHNOLOGY

Cabinet:

General Government

Agency:

Attorney General

Project Budget:

$600,000 (General)

Project Description:

The Office of the Attorney General did not have an electronic case management system nor data collection system. The OAG relied on various means to docket cases, manage legal files, and collect data through various Excel spreadsheets and two legacy programs, Genserv and Agenda. These legacy systems are not stable in their viability for

Maintenance and security through COT. COT confirmed the immediate need of the electronic case management system to migrate these programs and data. The electronic case management and data system is necessary for the efficacy, effectiveness and data preservation. Additional funding is needed for these systems to include the statutorily mandated new programs and offices reorganized that were not included in the original project.

KET PRODUCTION MOBILE UNIT 2026-28

Cabinet:

Education and Labor Cabinet

Agency:

Kentucky Educational Television

Project Budget:

$1,900,000 (General)

Project Description:

A Production Mobile Unit will enable KET to take productions to more communities across the commonwealth allowing for increased civic engagement and forums on-the -road, as well as opportunities to highlight and cover more people, places, and events, and provide citizens with more Kentucky-centric information and content.

PAS TECHNOLOGY MODERNIZATION

Cabinet:

General Government

Agency:

Kentucky Public Pension
Authority

Project Budget:

$15,000,000 (Restricted)

Project Description:

Significantly modernize or replace the current Pension Administration System (PAS). The system is outdated and does not meet industry standards. In addition, the programming language is at risk of being no longer supported.

DEPARTMENT OF HIGHWAYS TECHNOLOGY MODERNIZATION PROGRAM

Cabinet:

Transportation Cabinet

Agency:

Secretary's Office/All Other (TC)

Project Budget:

$2,400,000 (Road)

Project Description:

KYTC utilizes multiple applications that enable the planning, design, construction, operation, and maintenance of roadways and transportation facilities throughout the Commonwealth of Kentucky. The goal of this capital project is to establish a program with dedicated resources focused on technology modernization of existing applications and/or the creation or implementation of new applications/projects in support of business processes for the Department of Highways. The program will be funded to perform two simultaneous, prioritized Highway Technology projects, to be selected by the Secretary's office and State Highway Engineers office and will be in addition to technology initiatives underway with OIT.

KSP - SORNA SOFTWARE REPLACEMENT

Cabinet:

Justice and Public Safety Cabinet

Agency:

Kentucky State Police

Project Budget:

$2,500,000 (General)

Project Description:

The Kentucky Sex Offender Registry (SOR) is supported by the SOR Application Suite (software), developed in 2011. The current system is at the end of lifecycle and requires replacement. Additionally, when updates are made to administrative regulations, or legislative changes are made to statutes that impact the Sex Offender Registry requirements, the system must be updated to accommodate these changes, and the current system is unable to be easily modified in a timely manner when changes are needed. Ensuring this system works effectively and efficiently improves the data collection process for Probation and Parole offices, improves the tracking and management of compliance, and keeps the public facing SOR website functioning as a useful tool for the community.